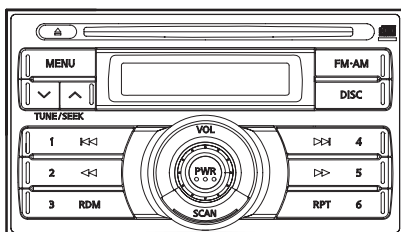
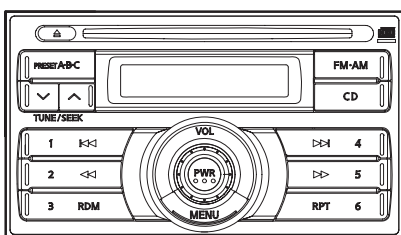


Service Manual



PN-2871F-A, B, PN-2871L-B, C, E, F, PN-2871R-A
PP-2871H-A, B, C, PP-2871N-A, B
PP-2871T-A, B, C, D



PN-2871L-A, G

NISSAN Automobile Genuine
AM/FM Radio CD Combination

Model **PN-2871F-A,B**

Model **PN-2871L-A,B,C,E,F,G**

Model **PN-2871R-A**

Model **PP-2871H-A,B,C**

Model **PP-2871N-A,B**

Model **PP-2871T-A,B,C,D,E,F**

DIFFERENCES

Model	Genuine No.	ID No.	Distination
PN-2871F-A	28185 JD10A	CY17D	Middle East
PN-2871F-B	28185 JE21A	CY23D	Middle East
PN-2871L-A	28185 EM31A	CY40D	North America
PN-2871L-B	28185 EL00A	CY40D	Latin America
PN-2871L-C	28185 EE51A	CY42D	Middle East
PN-2871L-E	28185 EF81A	CY44D	Middle East
PN-2871L-F	28185 EE91A	CY43D	Middle East
PN-2871L-G	28185 EM32A	CY04E	North America
PN-2871R-A	28185 EW80A	CY45D	Middle East
PP-2871H-A	28185 EB700	CY10C	Middle East
PP-2871H-B	28185 VM00G	CY55D	Latin America
PP-2871H-C	28185 VM00C	CY55D	Latin America
PP-2871N-A	28185 CJ90A	CY24C	Middle East
PP-2871N-B	28185 CJ40A	CY21D	Middle East
PP-2871T-A	28185 JH40A	CY22D	Middle East
PP-2871T-B	28185 JH40A	CY22D	Middle East
PP-2871T-C	28185 JH40A	CY22D	Middle East
PP-2871T-D	28185 JH40B	CY22D	Middle East
PP-2871T-E	28185 JH40B	CY22D	Middle East
PP-2871T-F	28185 JH40B	CY22D	Middle East

Model	Illumination color	Illumi control	TEL line in	ANT	Remote control
PN-2871F-A	Reddish orange	x	x	Glass	x
PN-2871F-B	Reddish orange	x	O	Glass	O
PN-2871L-A	Yellow orange	O	x	Glass	x
PN-2871L-B	Yellow orange	x	x	Glass	x
PN-2871L-C	Yellow orange	x	x	Glass	x
PN-2871L-E	Yellow orange	x	x	Glass	x
PN-2871L-F	Yellow orange	x	x	Glass	x
PN-2871L-G	Yellow orange	O	x	Glass	x
PN-2871R-A	Yellow orange	x	O	Glass	O
PP-2871H-A	Yellow orange	x	x	Pole	x
PP-2871H-B	Reddish orange	x	x	Pole	x
PP-2871H-C	Reddish orange	x	x	Pole	x
PP-2871N-A	Yellow orange	x	x	Pole	x
PP-2871N-B	Yellow orange	x	x	Pole	x
PP-2871T-A	Reddish orange	x	x	Glass	x
PP-2871T-B	Reddish orange	x	x	Glass	x
PP-2871T-C	Reddish orange	x	x	Glass	x
PP-2871T-D	Reddish orange	x	x	Glass	x
PP-2871T-E	Reddish orange	x	x	Glass	x
PP-2871T-F	Reddish orange	x	x	Glass	x

SPECIFICATIONS

Radio section

Tuning system: PLL Frequency synthesizer system

Receive range:

PN-2871F / PN-2871L-C,E,F / PN-2871R
PP-2871H-A / PP-2871N / PP-2871T

AM 531kHz to 1602kHz
9kHz step
FM 87.5MHz to 107.9MHz
50kHz step

PN-2871L-B / PP-2871H-B,C

AM 530kHz to 1620kHz
10kHz step
FM 87.5MHz to 107.9MHz
50kHz step

PN-2871L-A,L-G

AM 530kHz to 1710kHz
10kHz step
FM 87.7MHz to 107.9MHz
200kHz step

Intermediate frequency: AM 450 +3/-3kHz
FM 10.7 +0.03/-0.03MHz

Quieting sensitivity:

PN-2871F / PN-2871L / PN-2871R
PP-2871T

AM Less than 38dBu
(at 20dB S/N)
FM Less than 15dBu
(at 30dB S/N)

PP-2871H / PP-2871N

AM Less than 32dBu
(at 20dB S/N)
FM Less than 10dBu
(at 30dB S/N)

Separation: FM More than 22+5/-7dB(1kHz)
S/N ratio:

AM More than 45dB
FM More than 50dB

Auto tuning stop sensitivity:

PN-2871F / PN-2871L / PN-2871R
PP-2871T

AM 42+6/-6dBu
(603kHz : 9kHz step)
(600kHz : 10kHz step)
39+6/-6dBu
(999/1404kHz : 9kHz step)
(1000/1400kHz : 10kHz step)
FM 32+6/-6dBu
(87.9/98.1/107.9MHz)

PP-2871H / PP-2871N

AM 32+6/-6dBu
(603/999/1404kHz:9kHz step)
(600/1000/1400kHz:10kHz step)
FM 25+6/-6dBu
(87.9/98.1/107.9MHz)


CD section

Disc: 12cm disc
Separation: More than 50dB
S/N ratio: More than 74dB(JIS-A)
Distortion: Less than 0.4%

General

Load impedance: 4ohm/CH
Power output: More than 30Wx4
Power supply voltage: DC13.2V(10.8 to 15.6V)
Negative ground
Back-up consumption: Less than 1.0mA
Dimensions(mm): 182(W)x104(H)x164(D)
Weight: 1.5kg

NOTES

- * Use only compact discs bearing the  mark. Do not play heart-shaped, octagonal, or other specially shaped compact discs.
- * We cannot supply PWB with component parts in principle. When a circuit on PWB has failure, please repair it by component parts base. Parts which are not mentioned in service manual are not supplied.
- * Specifications and design are subject to change without notice for further improvement.

COMPONENT

1. Main unit ----- 1

To engineers in charge of repair or inspection of our products.

Before repair or inspection, make sure to follow the instructions so that customers and Engineers in charge of repair or inspection can avoid suffering any risk or injury.

1. Use specified parts.

The system uses parts with special safety features against fire and voltage. Use only parts with equivalent characteristics when replacing them.

The use of unspecified parts shall be regarded as remodeling for which we shall not be liable. The onus of product liability (PL) shall not be our responsibility in cases where an accident or failure is as a result of unspecified parts being used.

2. Place the parts and wiring back in their original positions after replacement or re-wiring.

For proper circuit construction, use of insulation tubes, bonding, gaps to PWB, etc, is involved. The wiring connection and routing to the PWB are specially planned using clamps to keep away from heated and high voltage parts. Ensure that they are placed back in their original positions after repair or inspection.

If extended damage is caused due to negligence during repair, the legal responsibility shall be with the repairing company.

3. Check for safety after repair.

Check that the screws, parts and wires are put back securely in their original position after repair. Ensure for safety reasons there is no possibility of secondary problems around the repaired spots.

If extended damage is caused due to negligence of repair, the legal responsibility shall be with the repairing company.

4. Caution in removal and making wiring connection to the parts for the automobile.

Disconnect the battery terminal after turning the ignition key off. If wrong wiring connections are made with the battery connected, a short circuit and/or fire may occur. If extensive damage is caused due to negligence of repair, the legal responsibility shall be with the repairing company.

5. Cautions in soldering

Please do not spread liquid flux in soldering.

Please do not wash the soldering point after soldering.

6. Cautions in soldering for chip capacitors

Please solder the chip capacitors after pre-heating for replacement because they are very weak to heat.

Please do not heat the chip capacitors with a soldering iron directly.

7. Cautions in handling for chip parts.

Do not reuse removed chips even when no abnormality is observed in their appearance. Always replace them with new ones. (The chip parts include resistors, capacitors, diodes, transistors, etc).

Please make an operation test after replacement.

8. Cautions in handling flexible PWB

Before working with a soldering iron, make sure that the iron tip temperature is around 270°C. Take care not to apply the iron tip repeatedly (more than three times) to the same patterns. Also take care not to apply the tip with force.

9. Turn the unit OFF during disassembly and parts replacement. Recheck all work before you apply power to the unit.

10. Cautions in checking that the optical pickup lights up.

The laser is focused on the disc reflection surface through the lens of the optical pickup. When checking that the laser optical diode lights up, keep your eyes more than 30cms away from the lens. Prolonged viewing of the laser within 30cms may damage your eyesight.

11. Cautions in handling the optical pickup

The laser diode of the optical pickup can be damaged by electrostatic charge caused by your clothes and body. Make sure to avoid electrostatic charges on your clothes or body, or discharge static electricity before handling the optical pickup.

11-1. Laser diode

The laser diode terminals are shorted for transportation in order to prevent electrostatic damage. After replacement, open the shorted circuit. When removing the pickup from the mechanism, short the terminals by soldering them to prevent this damage.

11-2. Actuator

The actuator has a powerful magnetic circuit. If a magnetic material is put close to it. Its characteristics will change. Ensure that no foreign substances enter through the ventilation slots in the cover.

11-3. Cleaning the lens

Dust on the optical lens affects performance.

To clean the lens, apply a small amount of isopropyl alcohol to lens paper and wipe the lens gently.

ADJUSTMENTS

Item	Procedure	Measuring instrument
Noise convergence	1. Input the 98.1MHz/55dBu(1kHz 30% MOD) signal. 2. Set the output to 0.5W(=0dB) by main volume. 3. Adjust the output to -18+3/-3dB by VR102 when the SG output is set to -20dBu. (PP-2871H-A / PP-2871N) Adjust the output to -22+3/-3dB by VR102 when the SG output is set to -20dBu. (PN-2871F / PN-2871L-B, C, E, F / PN-2871R / PP-2871H-B, C / PP-2871T)	SSG Milli-volt meter
Clock	1. Push [MENU], [M1], [M5] and [POWER] buttons at the same time with B/U and ACC-ON. 2. Connect a universal timer to TP218(BEEP), and adjust TC201 so that a reading of the meter is 0+0.2/-0 seconds per day.	Universal timer

EXPLANATION OF IC

052-1187-00	LC723663-9D34-E	System Controller
052-1187-20	LC723663-9D49-E	System Controller

[NOTE] There is no compatibility in 052-1187-00 and 052-1187-20.

Terminal Description

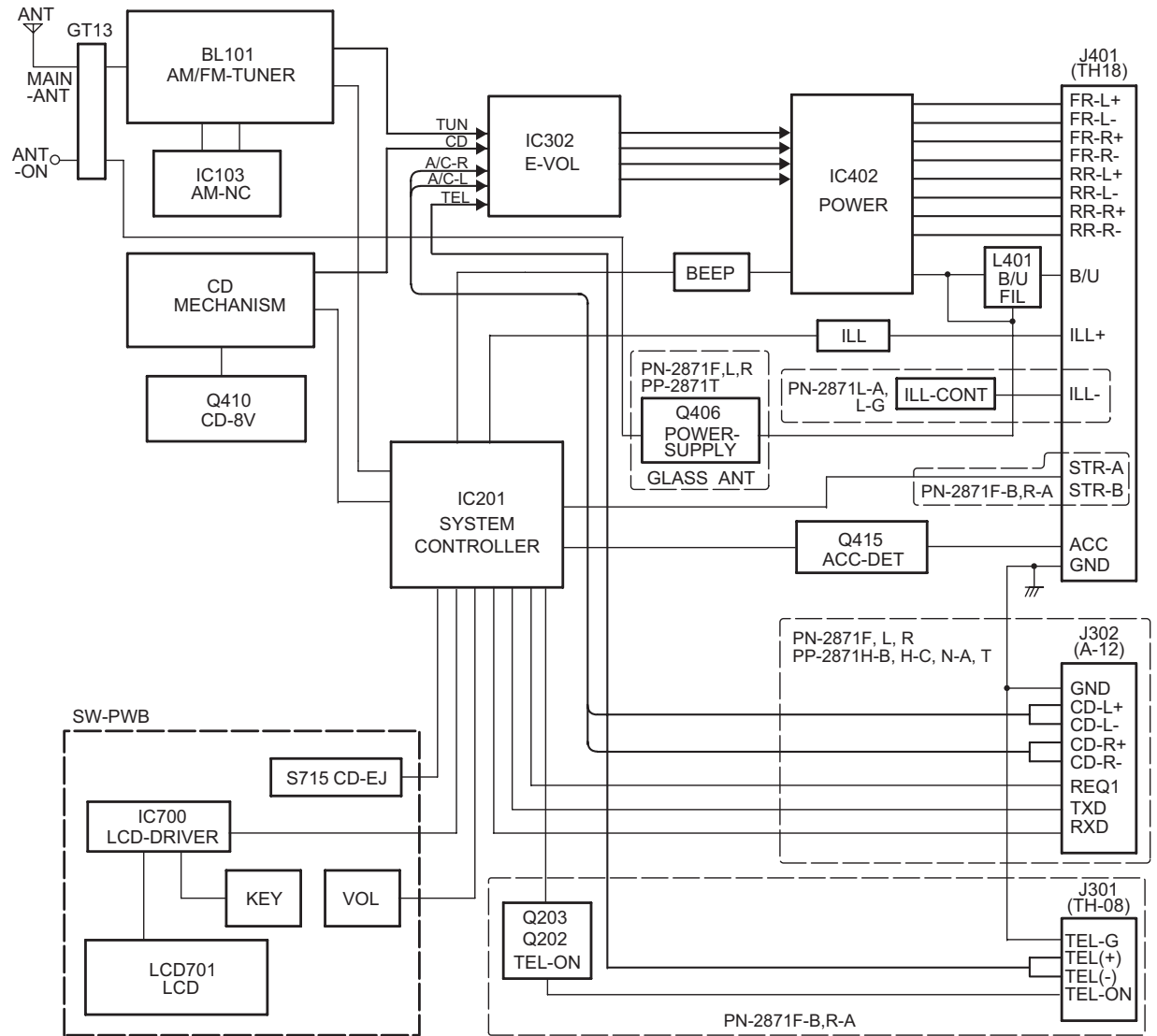
pin 1: X in	: IN: Crystal connection.
pin 2: TEST 2	: IN: For the test.
pin 3: VREG	: O: The capacitor connection for the internal power supply.
pin 4: VSS	: - : Negative voltage supply.
pin 5: MAIN FIX	: O: Main antenna fix signal output.
pin 6: VOL DATA	: O: Serial data output to the volume IC.
pin 7: VOL CK	: O: Clock pulse output to the volume IC.
pin 8: RF MUTE	: O: Radio frequency signal muting.
pin 9: LCD DI	: IN: Serial data input from the LCD driver.
pin 10: LCD DO	: O: Serial data output to the LCD controller.
pin 11: LCD CLK	: O: The clock pulse output to the LCD driver.
pin 12: VOL CE	: O: Chip enable signal output to the volume IC.
pin 13: DX/LO	: O: DX/Local select signal output.
pin 14: ST/TWEET	: I/O: At AM station receiving, this port outputs L by AM 900kHz receiving. At FM station receiving, this port detects the stereo signal.
pin 15: RADIO ON	: O: Radio ON signal output.
pin 16: NU	: O: Not in use.
pin 17: TEL ON	: IN: Telephone ON signal input.
pin 18: NU	: O: Not in use.
pin 19: AMP ON	: O: Audio power amplifier ON signal output.
pin 20: ILL ON	: IN: Illumination ON signal input.
pin 21: SYS ON	: O: System ON signal output.
pin 22: AREA SEL 1	: IN: Destination setting input. Refer Table 1.
pin 23: AREA SEL 2	: IN: Destination setting input. Refer Table 1.
pin 24: REMO SEL	: IN: Remote controller setting. for vehicles
pin 25: FUNC SEL	: IN: For North America H = 2ohm L = 4ohm For Other area, H = Single action eject L = Double action eject
pin 26: AM NC SEL	: IN: H = without AM noise canceller.
pin 27: CD CONNECT	: IN: CD connect in signal in.
pin 28: BUS 0	: I/O: CD IC Data input / output.
pin 29: BUS 1	: I/O: CD IC Data input / output.
pin 30: BUS 2	: I/O: CD IC Data input / output.
pin 31: VDD	: - : Positive voltage supply.
pin 32: VSS	: - : Negative voltage supply.
pin 33: BUS 3	: I/O: CD IC Data input / output.
pin 34: BUS CLOCK	: O: CD IC clock pulse output.
pin 35: CD CE (CCE)	: O: CD IC chip enable signal output.
pin 36: CD RESET	: O: CD IC reset pulse output.
pin 37: SBSY	: IN: Sub code block synchronous signal detection input.
pin 38: S STOP	: IN: Inside limit signal input from the CD mechanism.
pin 39: CHU SW	: IN: CD disc chucking signal input.
pin 40: TR B	: IN: Photo sensor signal input from the CD mechanism.
pin 41: TR A	: IN: Photo sensor signal input from the CD mechanism.
pin 42: LD CONT	: O: Loading signal output.
pin 43: LD MUTE	: O: Muting signal output to the CD mechanism.

pin 44: CD ON	: O: CD ON signal output.
pin 45: LCD ON	: O: LCD back light ON signal output.
pin 46: CLOCK SEL	: IN: Clock selection command input. H = with the clock.
pin 47: ACC DET	: IN: ACC detection signal input.
pin 48: BEEP	: O: Beep out.
pin 49: AF MUTE	: O: Audio frequency signal muting out.
pin 50: NDS TX	: O: NDS serial data output to NDS-A/C.
pin 51: NU	: O: Not in use.
pin 52: NDS REQ	: IN: The request pulse from NDS.
pin 53: LCD CE	: O: Chip enable signal output to the LCD driver.
pin 54: POWER SW	: IN: Power switch ON signal input.
pin 55: VOL 1	: IN: Volume control pulse input from the rotary encoder.
pin 56: VOL 2	: IN: Volume control pulse input from the rotary encoder.
pin 57: CD EJECT	: IN: CD eject signal input.
pin 58: NDS RX	: IN: NDS serial data input from NDS-A/C.
pin 59: AM ON	: O: AM ON signal output.
pin 60: FM ON	: O: FM ON signal output.
pin 61: REMO A	: IN: Steering wheel remote controller signal input.
pin 62: REMO B	: IN: Steering wheel remote controller signal input.
pin 63: NU	: IN: Not in use.
pin 64: NU	: IN: Not in use.
pin 65: VSS	: - : Negative voltage supply.
pin 66: NU	: IN: Not in use.
pin 67: NU	: IN: Not in use.
pin 68: RESET	: IN: Reset signal input.
pin 69: ACC IN	: IN: ACC ON flag input.
pin 70: SNS	: IN: Backup voltage fail down detection.
pin 71: AM IF IN	: IN: Input terminal of the AM IF Counter.
pin 72: FM IF IN	: IN: Input terminal of the FM IF Counter.
pin 73: VDD	: - : Positive voltage supply.
pin 74: AM OSC IN	: IN: Input terminal of the internal counter for AM OSC (Local Oscillation).
pin 75: FM OSC IN	: IN: Input terminal of the internal counter for FM OSC (Local Oscillation).
pin 76: VSS	: - : Negative voltage supply.
pin 77: NU	: - : Not in use.
pin 78: EO	: O: Error out terminal.
pin 79: TEST 1	: IN: For the test.
pin 80: X out	: O: Crystal connection.

Table 1. Destination setting input

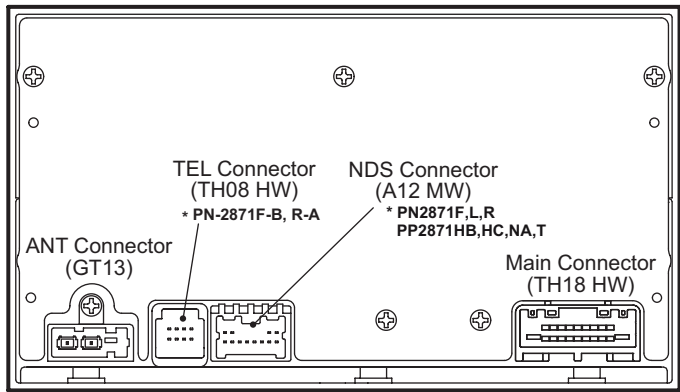
	M-EAST	DOM	NAM	LAM
AREA SEL 1 (pin 22)	L	H	L	H
AREA SEL 2 (pin 23)	L	L	H	H

BLOCK DIAGRAM

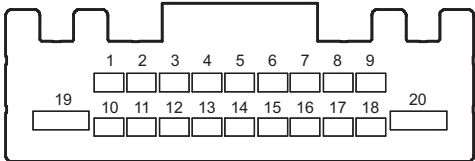


CONNECTOR LAYOUT

Rear view of the unit

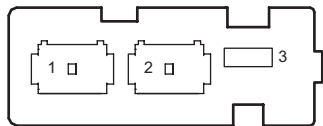


Main Connector(TH18 HW)



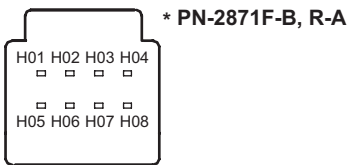
1	N.C.	11	FRONT-R(+)
2	FRONT-L(+)	12	FRONT-R(-)
3	FRONT-L(-)	13	REAR-R(+)
4	REAR-L(+)	14	REAR-R(-)
5	REAR-L(-)	15	STRG-GND
6	STRG SW A (PN-2871F-B,R-A)	16	STRG SW B (PN-2871F-B,R-A)
7	ACC	17	N.C.
8	ILLUMI CONTROL (PN-2871L-A,L-G)	18	N.C.
9	ILLUMI(+)	19	BACK UP
10	N.C.	20	GND

ANT Connector(GT13)



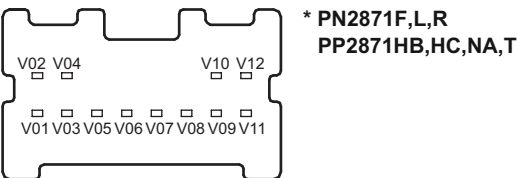
1	N.C.
2	MAIN ANT
3	ANT+B

TEL Connector(TH08 HW)



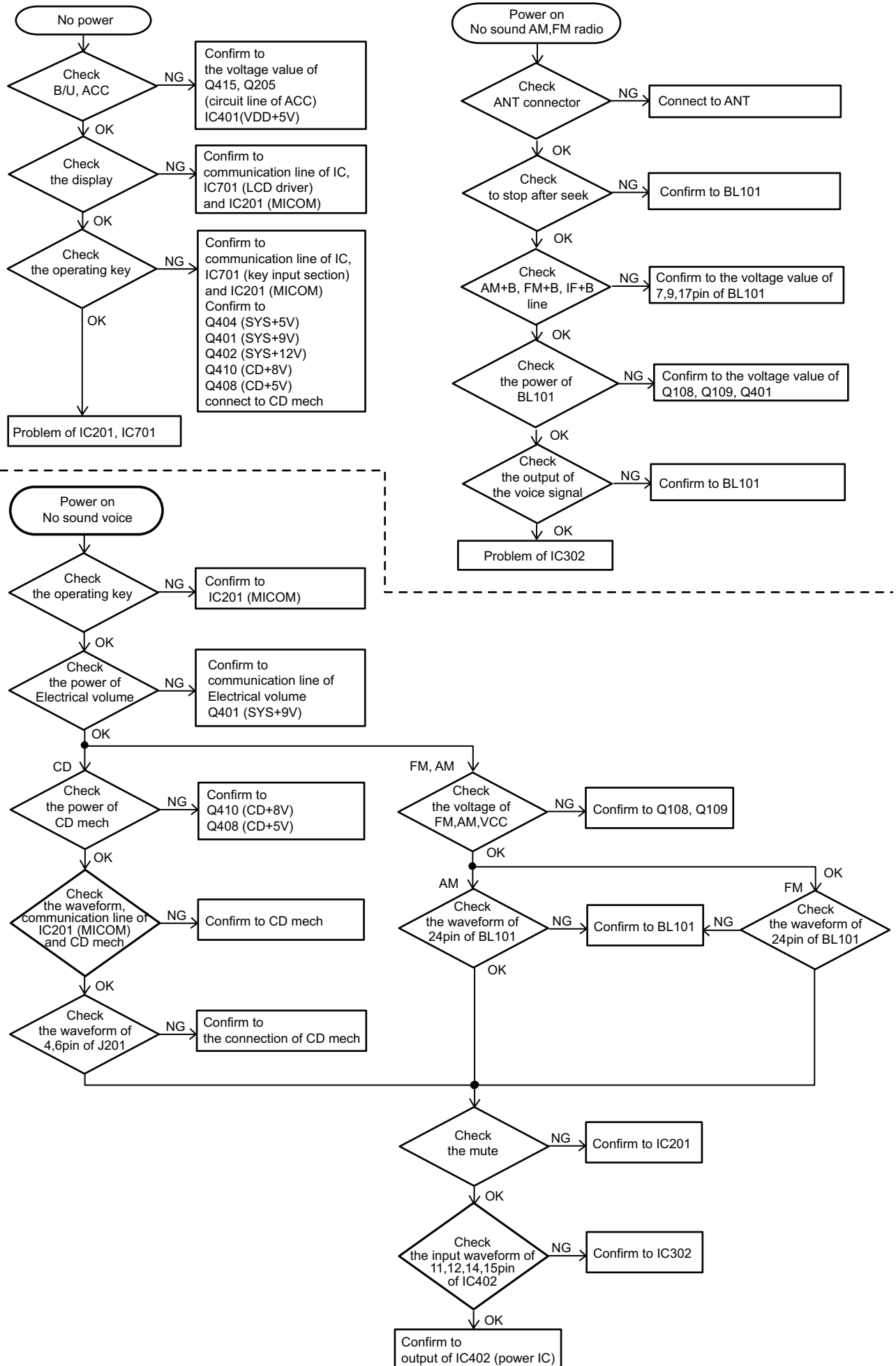
H01	N.C.	H05	TEL-ON
H02	N.C.	H06	TEL-IN(-)
H03	GND	H07	TEL-IN(+)
H04	N.C.	H08	TEL SHIELD-GND

NDS Connector(A12 MW)



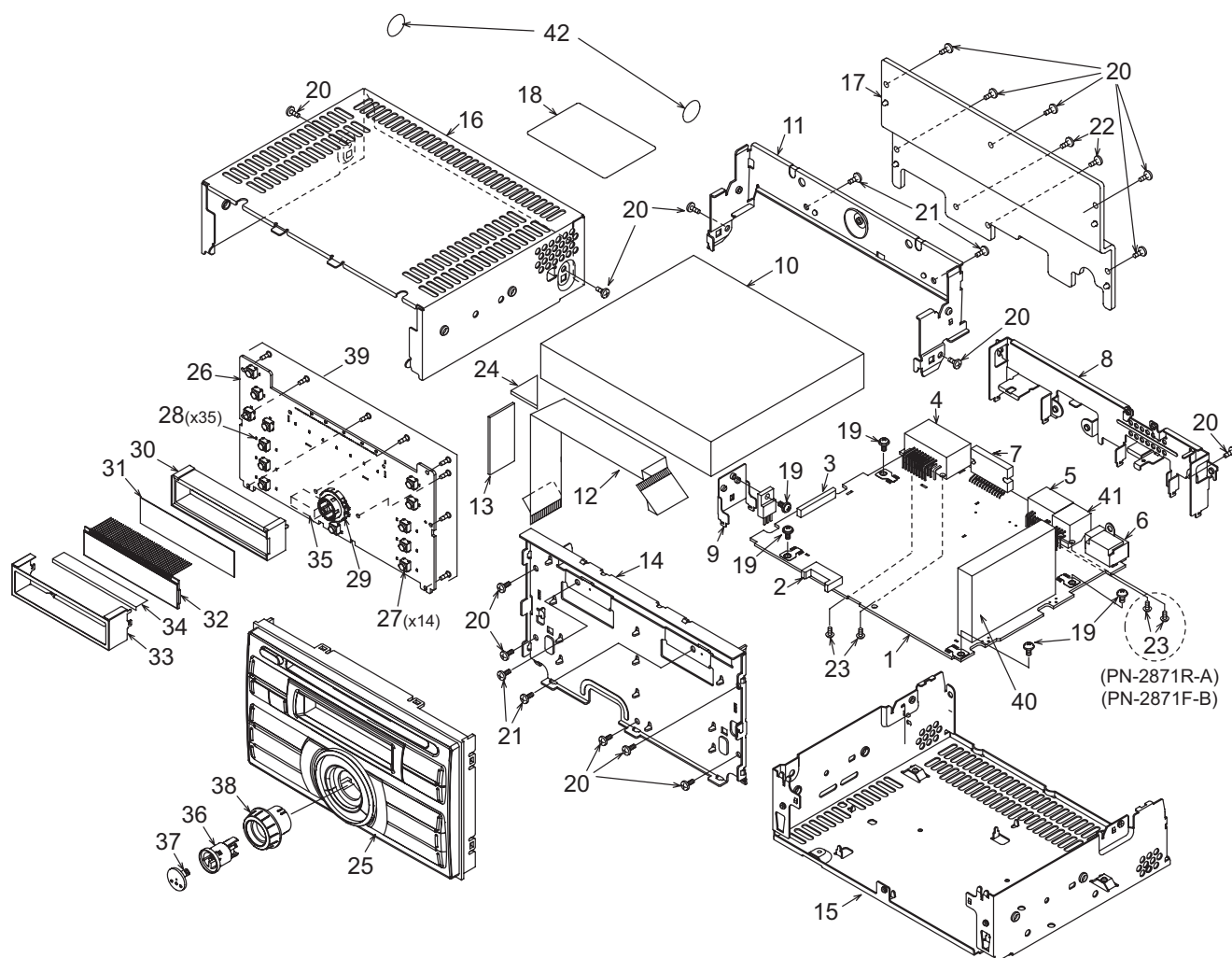
V01	CD-L(-)	V07	N.C.
V02	CD-L(+)	V08	SLAVE-REQ
V03	CD-R(-)	V09	CD-COMB(RXD)
V04	CD-R(+)	V10	COMB-CD(TXD)
V05	GND	V11	N.C.
V06	SHIELD-GND	V12	N.C.

TROUBLESHOOTING



EXPLODED VIEW/PARTS LIST

Main section



Note) Some parts depend on each model. The model name is specified in the description.

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	-----	MAIN PWB	1	12	816-4022-50	FLAT WIRE (26P)	1
2	076-3011-64	PLUG (14P)	1	13	347-7400-00	WIRE SUPPORT :PN2871FA,FB,LA,LB,LE,LF,LG,RA :PP2871HB,HC,NA,TA,TC,TD,TF	1
3	074-2003-76	SOCKET (26P)	1		347-7400-50	WIRE SUPPORT :PN2871LC :PP2871HA,NB,TB,TE	
4	074-4009-20	SOCKET (20P)	1	14	331-4039-00	ES PLATE :PN2871FA,FB,LA,LB,LE,LF,LG,RA :PP2871HB,HC,NA,TA,TC,TD,TF	1
5	074-1013-00	SOCKET (12P) :PN2871FA,FB :PN2871LA,LB,LC,LE,LF,LG,RA :PP2871HB,HC,NA,TA,TB,TC :PP2871TD,TE,TF	1		331-4039-50	ES PLATE :PN2871LC :PP2871HA,NB,TB,TE	
6	092-2210-00	ANT RECEPT	1	15	311-1907-00	LOWER CASE :PN2871FA,FB,LA,LB,LE,LF,LG,RA :PP2871HB,HC,NA,TA,TC,TD,TF	1
7	051-2040-00	IC (TA82764Q)	1		311-1907-50	LOWER CASE :PN2871LC :PP2871HA,NB,TB,TE	
8	331-4040-00	REAR PLATE :PN2871FA,FB,LA,LB,LE,LF,LG,RA :PP2871HB,HC,NA,TA,TC,TD,TF	1	16	310-1814-00	UPPER CASE :PN2871FA,FB,LA,LB,LE,LF,LG,RA :PP2871HB,HC,NA,TA,TC,TD,TF	1
	331-4040-50	REAR PLATE :PN2871LC :PP2871HA,NB,TB,TE			310-1814-50	UPPER CASE :PN2871LC :PP2871HA,NB,TB,TE	
9	331-3835-00	TR HOLDER :PN2871FA,FB,LA,LB,LE,LF,LG,RA :PP2871HB,HC,NA,TA,TC :PP2871TD,TF	1	17	313-1950-00	HEAT SINK :PN2871FA,LA,LB,LE,LF,LG	1
	331-3835-50	TR HOLDER :PN2871LC :PP2871HA,NB,TB,TE			313-1950-10	HEAT SINK :PN2871HB,HC,NA,TA,TC,TD,TF	
10	929-5001-81	CD MECH MODULE	1		313-1950-50	HEAT SINK :PN2871FB,RA	
11	331-4038-00	MECH BRKT :PN2871FA,FB,LA,LB,LE,LF,LG,RA :PP2871HB,HC,NA,TA,TC,TD,TF	1		313-1950-60	HEAT SINK :PN2871LC :PP2871TB,TE	
	331-4038-50	MECH BRKT :PN2871LC :PP2871HA,NB,TB,TE				HEAT SINK :PP2871HA,NB	

PN-2871F, L, R
PP-2871H, N, T

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
18	276-0017-01 276-0017-02 276-0017-03 276-0017-04 276-0034-29 276-0133-00 286-6735-06 286-6735-07 286-6735-08 286-6735-09 286-6735-10 286-6735-11 286-6735-12 286-6735-13 286-6735-14 286-6735-15	SETPLATE :PP2871NB SETPLATE :PN2871LC SETPLATE :PP2871TB SETPLATE :PP2871TE SETPLATE :PN2871FA SETPLATE :PP2871HA SETPLATE :PP2871NA SETPLATE :PN2871RA SETPLATE :PN2871LE SETPLATE :PN2871LF SETPLATE :PP2871TA SETPLATE :PP2871FB SETPLATE :PP2871HB SETPLATE :PP2871TC SETPLATE :PP2871TD SETPLATE :PP2871TF	1	32	379-1374-32 379-1379-32 379-1396-32	INDICATOR :PN-2871F-A,F-B,L-B,L-C :PN-2871L-E,L-F,R-A :PP-2871H,N,T INDICATOR :PN2871LA INDICATOR :PN2871LG	1
19	716-0878-50	IT SCREW (M2.6x5)	5	33	331-4048-00 331-4048-50	LCD COVER :PN2871FA,FB,LA,LB,LE,LF,LG,RA :PP2871HB,HC,NA,TA,TC,TD,TF LCD COVER :PN2871LC :PP2871HA,NB,TB :PP2871TE	1
20	714-2606-8B	MACHINE SCREW (M2.6x6)	15	34	345-5877-00 345-5877-50	PROTECTOR :PN2871FA,FB,LA,LB,LE,LF,LG,RA :PP2871HB,HC,NA,TA,TC,TD,TF PROTECTOR :PN2871LC :PP2871HA,NB,TB :PP2871TE	1
21	714-2603-8H	MACHINE SCREW (M2.6x3)	4	35	074-3014-64	JACK	1
22	714-2610-8H	MACHINE SCREW (M2.6x10)	2	36	382-7424-00 382-7424-30 382-7424-50 382-8702-00	BUTTON :PN2871LA,LB :PP2871HC BUTTON :PN2871FA,FB,LE,LF,RA :PP2871HB,NA,TA,TC,TD,TF BUTTON :PN2871LC :PP2871HA,NB,TB,TE BUTTON :PN2871LG	1
23	778-3006-00 778-3006-00	TAP SCREW (3x6) :PN2871FA,LA,LB,LC,LE,LF,LG :PP2871HA,HB,HC,NA,NB :PP2871TA,TB,TC,TD,TE,TF TAP SCREW (3x6) :PN2871FB,RA	2 4	37	335-7528-00 335-7528-30 335-7528-50	BUTTON TRIM :PN2871LA,LB,LG :PP2871HC BUTTON TRIM :PN2871FA,FB,LE,LF,RA :PP2871HB,NA,TA,TC,TD,TF BUTTON TRIM :PN2871LC :PP2871HA,NB,TB,TE	1
24	345-5802-00 345-5802-50	CUSHION :PN2871FA,FB,LA,LB,LE,LF,LG,RA :PP2871HB,HC,NA,TA,TC,TD,TF CUSHION :PN2871LC :PP2871HA,NB,TB,TE	1	38	380-5632-00 380-5632-30 380-5632-51 380-5722-00	KNOB :PN2871LA,LB :PP2871HC KNOB :PN2871FA,FB,LE,LF,RA :PP2871HB,NA,TA,TC,TD,TF KNOB :PN2871LC :PP2871HA,NB,TB,TE KNOB :PN2871LG	1
25	940-8154-11 940-8154-21 940-8154-31 940-8154-41 940-8169-21 940-8169-26 940-8169-36 940-8169-41 940-8169-46 940-8169-51 940-8169-56 940-8169-61 940-8201-10 940-8201-15 940-8201-20 940-8201-25	ES-ASSY :PP2871HA ES-ASSY :PP2871NB ES-ASSY :PN2871LC ES-ASSY :PP2871TB/TE ES-ASSY :PP2871NA ES-ASSY :PN2871FA ES-ASSY :PN2871RA ES-ASSY :PN2871LE ES-ASSY :PN2871LF ES-ASSY :PP2871TA,TC,TD,TF ES-ASSY :PN2871FB ES-ASSY :PP2871HB ES-ASSY :PN2871LA ES-ASSY :PN2871LB ES-ASSY :PN2871LG ES-ASSY :PP2871HC	1	39	716-0778-50	WAVE SCREW(M2x6)	8
26	-----	SWITCH PWB	1	40	880-1921C 880-1921O 880-1921T	TUNER PACK :PP2871HA,HB,HC,NA,NB TUNER PACK :PN2871LA,LG TUNER PACK :PN2871FA,FB,LB,LC,LE,LF,RA :PP2871TA,TB,TC,TD,TE,TF	1
27	013-6201-52	SWITCH	14	41	074-1302-08	OUTLET SOCKET :PN2871FB,RA	1
28	001-7093-91 001-7093-92	LED (RFY1112H-TR : YEL) :PN2871LA,LB,LC,LE,LF,LG,RA :PP2871HA,NA,NB LED (RFA1112H-13-TR:ORG) :PN2871FA,FB :PP2871HB,HC,TA,TB,TC,TD :PP2871TE,TF	35	42	290-0309-00	LABEL :PN2871RA	2
29	016-7000-00	ROTARY SWITCH	1				
30	335-7532-30 335-7532-50	LCD HOLDER :PN2871FA,FB,LA,LB,LE,LF,LG,RA :PP2871HB,HC,NA,TA,TC,TD,TF LCD HOLDER :PN2871LC :PP2871HA,NB,TB,TE	1				
31	335-7770-00 335-7770-50	COLOR FILTER :PN2871FA,FB,HC,LA,LB,LE,LF,LG :PP2871HB,NA,TA,TC,TD,TF COLOR FILTER :PN2871LC :PP2871HA,NB,TB :PP2871TE	1				

ELECTRICAL PARTS LIST

Main PWB(B1) section

Note) Some parts depend on each model. The model name is specified in the description.

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
ANT101	092-2210-00	ANTENNA RECEPT	C169	168-8212-55	820pF K	C333	168-8212-55	820pF K
BL101	880-1921C	AM/FM TUNER (PP2871H,N)	C170	166-1007-50	10pF CH	C334	168-8212-55	820pF K
BL101	880-1921O	AM/FM TUNER (PN2871LA,LG)	C171	166-1007-50	10pF CH	C335	188-1063-38	16V 10uF
BL101	880-1921T	AM/FM TUNER (PN2871F,LB,LC,LE,LF,R) (PP2871T)	C172	166-1007-50	10pF CH	C336	188-1063-38	16V 10uF
C104	168-2222-55	2200pF K (PN2871F,L,R) (PP2871T)	C201	166-1007-50	10pF CH	C337	168-1832-55	0.018uF K
C108	166-1511-50	150pF CH (PN2871F,L,R) (PP2871T)	C202	168-4732-78	0.047uF K	C338	178-1052-78	1uF (PN2871F,L,R) (PP2871HB,HC,NA,T)
C108	119-0000-05	1/10W 0 ohm JW (PP2871H,N)	C203	168-1022-55	1000pF K	C339	178-1052-78	1uF (PN2871F,L,R) (PP2871HB,HC,NA,T)
C113	168-1032-55	0.01uF K	C204	163-3363-45	25V 33uF	C340	178-1052-78	1uF (PN2871F,L,R) (PP2871HB,HC,NA,T)
C121	166-1201-50	12pF CH	C205	168-1022-55	1000pF K	C341	178-1052-78	1uF (PN2871F,L,R) (PP2871HB,HC,NA,T)
C122	166-1007-50	10pF CH	C206	166-1011-50	100pF CH	C401	188-4763-38	16V 47uF
C123	168-1042-78	16V 0.1uF	C207	166-1011-50	100pF CH	C403	042-0416-59	10V 33uF M TAN
C126	188-1073-28	10V 100uF	C208	166-1011-50	100pF CH	C404	168-1032-55	0.01uF K
C127	166-2201-50	22pF CH	C209	166-1011-50	100pF CH	C405	168-1042-78	16V 0.1uF
C128	043-0277-51	0.022uF	C212	166-2201-50	22pF CH	C406	168-2232-55	0.022uF K
C129	168-1042-78	16V 0.1uF	C213	168-1042-78	16V 0.1uF	C407	168-1042-78	16V 0.1uF
C130	188-1073-28	10V 100uF	C214	168-1042-78	16V 0.1uF (PN2871FB,RA)	C408	042-1452-82	16V 100uF
C131	168-1022-55	1000pF K	C215	168-1042-78	16V 0.1uF	C410	168-1052-78	1uF
C132	166-2201-50	22pF CH	C216	187-1073-27	10V 100uF	C411	168-4722-55	4700pF K (PN2871F,L,R) (PP2871T)
C133	168-1042-78	16V 0.1uF	C218	168-1052-78	1uF	C412	188-1063-38	16V 10uF (PN2871F,L,R) (PP2871T)
C134	042-1458-93	50V 2.2uF	C219	168-1042-78	16V 0.1uF	C413	168-3932-78	0.039uF K
C135	168-8212-55	820pF K (PN2871F,L,R) (PP2871T)	C220	166-1007-50	10pF CH	C414	168-3932-78	0.039uF K
C135	168-6812-55	680pF K (PP2871H,N)	C301	178-1052-78	1uF (PN2871FB,RA)	C415	168-3932-78	0.039uF K
C136	166-2201-50	22pF CH	C302	178-1052-78	1uF (PN2871FB,RA)	C416	168-3932-78	0.039uF K
C137	168-4712-55	470pF K	C303	168-1022-55	1000pF K (PN2871F,L,R) (PP2871HB,HC,NA,T)	C417	188-1063-68	50V 10uF
C138	187-4763-37	16V 47uF	C304	168-1022-55	1000pF K (PN2871F,L,R) (PP2871HB,HC,NA,T)	C418	166-1011-50	100pF CH (PN2871F,L,R) (PP2871T)
C139	166-1011-50	100pF CH	C305	168-1022-55	1000pF K (PN2871F,L,R) (PP2871HB,HC,NA,T)	C419	188-1063-38	16V 10uF
C141	166-1011-50	100pF CH	C306	168-2232-55	0.022uF K (PN2871F,L,R) (PP2871HB,HC,NA,T)	C420	168-1052-78	1uF
C142	168-1042-78	16V 0.1uF	C307	166-1011-50	100pF CH (PN2871FB,RA)	C421	188-1063-38	16V 10uF
C143	188-1073-28	10V 100uF	C308	166-1011-50	100pF CH (PN2871FB,RA)	C422	172-1041-15	0.1uF
C144	168-1052-78	1uF	C309	189-2273-29	10V 220uF (PN2871FB,RA)	C423	042-1447-00	16V 2200uF
C147	168-1022-55	1000pF K	C310	188-1063-38	16V 10uF (PN2871FB,RA)	C425	168-6822-55	6800pF K
C148	178-1042-78	0.1uF	C311	168-6822-55	6800pF K (PN2871FB,RA)	C426	168-6822-55	6800pF K
C150	188-3363-28	10V 33uF	C312	188-4763-38	16V 47uF (PN2871FB,RA)	C427	168-6822-55	6800pF K
C151	168-2732-55	16V 0.027uF K (PN2871F,LB,LC,LE,LF,R) (PP2871H,N,T)	C313	168-1052-78	1uF	C428	168-6822-55	6800pF K
C151	168-3932-78	0.039uF K (PN2871LA,LG)	C314	178-1242-78	0.12uF	C429	168-1042-78	16V 0.1uF
C152	168-1042-78	16V 0.1uF	C315	178-1242-78	0.12uF	C430	168-6822-55	6800pF K
C153	168-2732-55	16V 0.027uF K (PN2871F,LB,LC,LE,LF,R) (PP2871H,N,T)	C316	178-3332-78	0.033uF (PN2871FB,RA)	C431	168-6822-55	6800pF K
C153	168-3932-78	0.039uF K (PN2871LA,LG)	C317	178-1242-78	0.12uF	C432	168-6822-55	6800pF K
C154	188-3353-68	50V 3.3uF	C318	178-1242-78	0.12uF	C433	168-6822-55	6800pF K
C155	168-2245-79	0.22uF Z	C319	168-1052-78	1uF	C435	168-1042-78	16V 0.1uF (PN2871LA,LG)
C156	168-3332-78	0.033uF K	C320	188-2263-18	6.3V 22uF	C436	168-1042-78	16V 0.1uF
C157	168-1032-55	0.01uF K	C321	178-4742-78	0.47uF	C437	188-1063-38	16V 10uF
C158	168-6832-78	0.068uF K	C322	168-1222-55	1200pF K	C438	168-1042-78	16V 0.1uF (PN2871LA,LG)
C159	168-2222-55	2200pF K	C323	168-1222-55	1200pF K	C439	168-1042-78	16V 0.1uF (PN2871LA,LG)
C160	168-3332-78	0.033uF K	C324	178-4742-78	0.47uF	C440	188-1053-68	50V 1uF
C161	168-4722-55	4700pF K	C325	168-1052-78	1uF	C442	168-1022-55	1000pF K
C162	168-3332-78	0.033uF K	C326	168-1052-78	1uF	C443	168-1022-55	1000pF K
C163	178-2255-79	2.2uF	C327	178-1842-78	0.18uF	C445	168-1042-78	16V 0.1uF
C164	168-3332-78	0.033uF K	C328	178-1842-78	0.18uF	C446	172-1041-15	0.1uF
C165	178-2255-79	2.2uF	C329	178-1842-78	0.18uF	CCT201	050-0145-52	1/16W 1k ohm x4
C166	168-5632-78	16V 0.056uF	C330	178-1842-78	0.18uF	CCT202	050-0145-52	1/16W 1k ohm x4
C167	168-2232-55	0.022uF K	C331	168-8212-55	820pF K	CCT203	050-0145-52	1/16W 1k ohm x4
C168	168-1022-55	1000pF K	C332	168-8212-55	820pF K	CCT204	050-0145-52	1/16W 1k ohm x4
						CCT205	050-0145-52	1/16W 1k ohm x4

PN-2871F, L, R
PP-2871H, N, T

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
CCT206	050-0145-52	1/16W 1k ohm x4	Q302	125-0020-91	UN5111	R215	119-4731-15	1/10W 47k ohm
CCT207	050-0145-52	1/16W 1k ohm x4			(PN2871F,L,R)	R217	119-1031-15	1/10W 10k ohm
CCT208	050-0145-52	1/16W 1k ohm x4			(PP2871HB,HC,NA,T)	R218	119-1031-15	1/10W 10k ohm
CCT209	050-0145-52	1/16W 1k ohm x4	Q303	192-4116-00	2SC4116	R219	119-4731-15	1/10W 47k ohm
CCT211	050-0145-52	1/16W 1k ohm x4			(PN2871F,L,R)	R220	119-2231-15	1/10W 22k ohm
CCT212	050-0145-52	1/16W 1k ohm x4			(PP2871HB,HC,NA,T)	R221	119-1031-15	1/10W 10k ohm
D101	001-0466-90	S5688B	Q304	192-4116-00	2SC4116			(PN2871LB,PP2871HB,HC)
		(PN2871F,L,R)			(PN2871F,L,R)	R222	119-1031-15	1/10W 10k ohm
		(PP2871T)			(PP2871HB,HC,NA,T)			(PN2871F,LA,LC,LE,LF,LG,R)
D301	001-0516-90	MA111	Q305	192-4116-00	2SC4116			(PP2871H,N,T)
		(PN2871F,L,R)			(PN2871F,L,R)	R223	119-1041-15	1/10W 100k ohm
		(PP2871HB,HC,NA,T)			(PP2871HB,HC,NA,T)	R224	119-1031-15	1/10W 10k ohm
D302	001-0516-90	MA111	Q401	193-2118-00	2SD2118F5 Q,R,S			(PN2871LA,LB,LG)
		(PN2871F,L,R)	Q402	191-1197-50	2SB1197K Q,R			(PP2871HB,HC)
		(PP2871HB,HC,NA,T)	Q403	125-2026-91	UN5211	R225	119-1031-15	1/10W 10k ohm
D303	001-4305-39	UDZSTE-17 36B	Q404	125-0020-91	UN5111			(PN2871F,LC,LE,LF,R)
		(PN2871F,L,R)	Q405	125-2026-91	UN5211			(PP2871HA,N,T)
		(PP2871HB,HC,NA,T)	Q406	191-1240-00	2SB1240	R226	119-4731-15	1/10W 47k ohm
D401	001-0529-48	MA8091-H			(PN2871F,L,R)	R228	119-1031-15	1/10W 10k ohm
D402	001-0516-90	MA111			(PP2871T)	R229	119-1021-15	1/10W 1k ohm
D403	001-0466-90	S5688B	Q407	125-2026-95	UN521N	R231	119-1031-15	1/10W 10k ohm
D404	001-0516-90	MA111			(PN2871F,L,R)	R232	119-6821-15	1/10W 6.8k ohm
		(PN2871F,L,R)			(PP2871T)			(PN2871FB,RA)
		(PP2871T)	Q408	193-1858-00	2SD1858	R233	119-1031-15	1/10W 10k ohm
D405	001-0504-31	HZS6 A2L	Q409	125-9003-92	IMD3	R234	119-1031-15	1/10W 10k ohm
D406	001-0504-45	HZS9 B1L	Q410	103-2012-00	2SD2012			(PN2871FB,RA)
D407	001-2015-00	RL253	Q411	125-2026-91	UN5211	R236	119-1041-15	1/10W 100k ohm
D408	001-0529-48	MA8091-H	Q412	193-2118-00	2SD2118F5 Q,R,S	R237	119-4731-15	1/10W 47k ohm
D409	001-0529-34	MA8062-L	Q414	193-1306-00	2SD1306	R238	119-4731-15	1/10W 47k ohm
D410	001-0466-90	S5688B			(PN2871LA,LG)	R240	119-2231-15	1/10W 22k ohm
D411	001-4301-68	HZU18B1	Q415	192-2712-00	2SC2712	R241	119-0000-05	1/10W 0 ohm JW
		(PN2871FB,RA)	Q416	192-2712-00	2SC2712	R242	119-3341-15	1/10W 330k ohm
					(PN2871LA,LG)	R301	119-4731-15	1/10W 47k ohm
D412	001-4301-68	HZU18B1	R106	119-0000-05	1/10W 0 ohm JW			(PN2871F,L,R)
		(PN2871FB,RA)	R120	119-4741-15	1/10W 470k ohm			(PP2871HB,HC,NA,T)
IC103	051-4618-90	HA12181FP-EL-E	R121	119-2221-15	1/10W 2.2k ohm	R302	119-4731-15	1/10W 47k ohm
IC201	052-1187-00	LC723663-9D34-E	R122	119-2221-15	1/10W 2.2k ohm			(PN2871F,L,R)
		(PN2871FA,L,R)	R123	119-2721-15	1/10W 2.7k ohm			(PP2871HB,HC,NA,T)
		(PP2871H,N,TA,TB,TC)	R124	119-1021-15	1/10W 1k ohm	R303	119-2231-15	1/10W 22k ohm
IC201	052-1187-20	LC723663-9D49-E	R125	119-8201-15	1/10W 82 ohm			(PN2871F,L,R)
		(PN2871FB)	R126	119-1021-15	1/10W 1k ohm			(PP2871HB,HC,NA,T)
		(PP2871TD,TE,TF)	R127	119-1021-15	1/10W 1k ohm	R304	119-4731-15	1/10W 47k ohm
IC301	051-3034-90	NJM4558V	R130	119-0000-05	1/10W 0 ohm JW			(PP2871HA,NB)
		(PN2871FB,RA)	R132	119-1001-15	1/10W 10 ohm	R305	119-1031-15	1/10W 10k ohm
IC302	051-5029-00	LC75412EH	R133	119-1001-15	1/10W 10 ohm			(PN2871F,L,R)
IC401	051-3341-90	BD3931FP	R134	119-1501-15	1/10W 15 ohm			(PP2871HB,HC,NA,T)
IC402	051-2040-00	TA8276H	R135	119-1041-15	1/10W 100k ohm	R306	119-3011-15	1/10W 300 ohm
J201	074-2003-76	SOCKET(26P)	R136	119-4731-15	1/10W 47k ohm			(PN2871FB,RA)
J202	076-3011-64	14P	R137	119-2731-15	1/10W 27k ohm	R307	119-5631-15	1/10W 56k ohm
J301	074-1302-08	TH8P-SOCKET	R138	119-1231-15	1/10W 12k ohm			(PN2871F,L,R)
		(PN2871FB,RA)	R139	119-1021-15	1/10W 1k ohm			(PP2871HB,HC,NA,T)
J302	074-1013-00	12P	R140	119-1021-15	1/10W 1k ohm	R308	119-1031-15	1/10W 10k ohm
		(PN2871F,L,R)	R141	119-1841-15	1/10W 180k ohm			(PN2871F,L,R)
		(PP2871HB,HC,NA,T)	R142	119-2221-15	1/10W 2.2k ohm			(PP2871HB,HC,NA,T)
J401	074-4009-20	SOCKET(20P)	R143	119-1031-15	1/10W 10k ohm	R309	119-1031-15	1/10W 10k ohm
JW401	060-0054-03	JW 10mm	R144	119-5621-15	1/10W 5.6k ohm			(PN2871F,L,R)
JW402	060-0054-03	JW 10mm	R146	119-1031-15	1/10W 10k ohm			(PP2871HB,HC,NA,T)
JW403	060-0054-03	JW 10mm	R147	119-2221-15	1/10W 2.2k ohm	R310	119-5631-15	1/10W 56k ohm
L104	010-2003-04	30uH	R148	119-1021-15	1/10W 1k ohm			(PN2871F,L,R)
L105	010-3407-75	120uH J	R149	119-6821-15	1/10W 6.8k ohm			(PP2871HB,HC,NA,T)
L201	010-6009-64	2.2uH J	R201	119-1021-15	1/10W 1k ohm	R311	119-5631-15	1/10W 56k ohm
L401	009-0670-81	180uH	R202	119-1021-15	1/10W 1k ohm			(PN2871F,L,R)
Q105	192-4116-51	2SC4116 G,L	R203	119-1031-15	1/10W 10k ohm			(PP2871HB,HC,NA,T)
Q106	192-4116-51	2SC4116 G,L	R204	119-0000-05	1/10W 0 ohm JW	R312	032-0140-99	1/10W 39k ohm F
Q108	190-1162-00	2SA1162	R205	119-4731-15	1/10W 47k ohm			(PN2871FB,RA)
Q109	190-1162-00	2SA1162	R206	119-1031-15	1/10W 10k ohm	R313	032-0140-99	1/10W 39k ohm F
Q202	125-2026-91	UN5211	R207	119-4731-15	1/10W 47k ohm			(PN2871FB,RA)
		(PN2871FB,RA)	R208	119-3311-15	1/10W 330 ohm	R314	119-5621-15	1/10W 5.6k ohm
Q203	125-0020-96	UN5110-Q,R,S	R209	119-3311-15	1/10W 330 ohm			(PN2871F,L,R)
		(PN2871FB,RA)	R210	119-4731-15	1/10W 47k ohm			(PP2871HB,HC,NA,T)
Q205	125-0002-92	RN2402	R211	119-1031-15	1/10W 10k ohm	R315	119-5621-15	1/10W 5.6k ohm
Q301	125-2026-91	UN5211	R212	119-1031-15	1/10W 10k ohm			(PN2871F,L,R)
		(PN2871F,L,R)	R213	119-1031-15	1/10W 10k ohm			(PP2871HB,HC,NA,T)
		(PP2871HB,HC,NA,T)	R214	119-4731-15	1/10W 47k ohm			

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
R316	119-3011-15	1/10W 300 ohm (PN2871F,L,R) (PP2871HB,HC,NA,T)	R405	119-1231-15	1/10W 12k ohm	R432	119-5611-15	1/10W 560 ohm
R317	119-3011-15	1/10W 300 ohm (PN2871F,L,R) (PP2871HB,HC,NA,T)	R406	119-4721-15	1/10W 4.7k ohm	R433	116-4791-15	1/4W 4.7 ohm
R318	032-0140-04	1/10W 8.2k ohm F (PN2871FB,RA)	R407	119-1021-15	1/10W 1k ohm	R434	116-4791-15	1/4W 4.7 ohm
R319	032-0140-04	1/10W 8.2k ohm F (PN2871FB,RA)	R408	119-2221-15	1/10W 2.2k ohm	R435	119-0000-05	1/10W 0 ohm JW (PN2871F,LB,LC,LE,LF,RA) (PP2871H,N,T)
R320	119-1531-15	1/10W 15k ohm (PN2871FB,RA)	R409	119-2221-15	1/10W 2.2k ohm	R435	168-4742-78	0.47uF (PN2871LA,LG)
R321	119-4731-15	1/10W 47k ohm (PN2871FB,RA)	R410	119-2221-15	1/10W 2.2k ohm (PN2871F,L,R) (PP2871HB,HC,N,T)	R436	116-1531-15	1/4W 15k ohm
R322	119-4731-15	1/10W 47k ohm (PN2871FB,RA)	R411	119-1531-15	1/10W 15k ohm (PP2871HA)	R437	119-0000-05	1/10W 0 ohm JW (PN2871LA,LG)
R323	119-0000-05	1/10W 0 ohm JW	R411	119-2221-15	1/10W 2.2k ohm (PN2871F,L,R) (PP2871HB,HC,N,T)	R438	119-0000-05	1/10W 0 ohm JW (PN2871F,LB,LC,LE,LF,R) (PP2871H,N,T)
R324	032-0106-77	1/10W 51k ohm D (PN2871F,L,R) (PP2871HB,HC,NA,T)	R412	116-1091-15	1/4W 1 ohm (PN2871F,L,R) (PP2871T)	R439	119-1041-15	1/10W 100k ohm
R325	032-0106-77	1/10W 51k ohm D (PN2871F,L,R) (PP2871HB,HC,NA,T)	R413	116-1221-15	1/4W 1.2k ohm (PN2871F,L,R) (PP2871T)	R440	119-1041-15	1/10W 100k ohm
R326	119-0000-05	1/10W 0 ohm JW	R414	119-1031-15	1/10W 10k ohm (PN2871F,L,R) (PP2871T)	R441	119-1831-15	1/4W 18k ohm (PP2871HA)
R327	119-0000-05	1/10W 0 ohm JW	R415	119-0000-05	1/10W 0 ohm JW (PN2871F,L,R) (PP2871T)	R442	119-1831-15	1/4W 18k ohm (PP2871HA)
R328	119-0000-05	1/10W 0 ohm JW	R417	116-2211-15	1/4W 220 ohm	R443	119-0000-05	1/10W 0 ohm JW (PN2871F,LA,LB,LC,LG,RA) (PP2871H,N,T)
R329	119-0000-05	1/10W 0 ohm JW	R418	119-1041-15	1/10W 100k ohm	R444	119-0000-05	1/10W 0 ohm JW (PN2871L) (PP2871HA,N)
R330	032-0106-77	1/10W 51k ohm D (PN2871F,L,R) (PP2871HB,HC,NA,T)	R419	119-4721-15	1/10W 4.7k ohm	R445	119-0000-05	1/10W 0 ohm JW (PN2871FB,LA,LB,LC,LG,RA) (PP2871H)
R331	032-0106-77	1/10W 51k ohm D (PN2871F,L,R) (PP2871HB,HC,NA,T)	R420	116-3911-15	1/4W 390 ohm	R446	119-0000-05	1/10W 0 ohm JW (PN2871FA,LA,LE,LF,LG) (PP2871HA,T)
R332	119-0000-05	1/10W 0 ohm JW	R421	116-3911-15	1/4W 390 ohm	SUP102	060-0122-90	DSP-201M-S00B
R333	119-3931-15	1/10W 39k ohm	R422	119-1041-15	1/10W 100k ohm	TC201	004-1580-60	30pF
R334	119-1821-15	1/10W 1.8k ohm	R423	116-6811-15	1/4W 680 ohm	TH401	002-0229-90	PTH8L05B (PN2871F,L,R) (PP2871H)
R335	119-1821-15	1/10W 1.8k ohm	R425	119-0000-05	1/10W 0 ohm JW (PN2871FB,RA)	TM101	073-0768-90	TERMINAL
R336	119-3931-15	1/10W 39k ohm	R426	116-2721-15	1/4W 2.7k ohm	TM102	073-0768-90	TERMINAL
R337	119-4721-15	1/10W 4.7k ohm	R427	119-0000-05	1/10W 0 ohm JW (PN2871FB,RA)	TM401	073-0768-90	TERMINAL
R338	119-4721-15	1/10W 4.7k ohm	R428	119-5611-15	1/10W 560 ohm (PN2871LA,LG)	TM402	073-0768-90	TERMINAL
R339	119-4721-15	1/10W 4.7k ohm	R429	119-1031-15	1/10W 10k ohm	VR102	012-4318-56	VR 10k ohm
R340	119-4721-15	1/10W 4.7k ohm	R430	116-1831-15	1/4W 18k ohm (PN2871LA,LG)	X201	061-1053-00	4.5MHz
R401	116-4711-15	1/4W 470 ohm	R431	119-4721-15	1/10W 4.7k ohm (PN2871LA,LG)	PWB	039-2953-00	PWB(WITHOUT COMPONENTS)
R402	116-1821-15	1/4W 1.8k ohm						
R403	119-2231-15	1/10W 22k ohm						
R404	119-4741-15	1/10W 470k ohm						

Switch PWB(B2) section

Note) Some parts depend on each model. The model name is specified in the description.

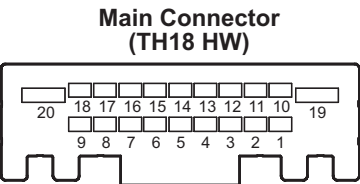
REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C701	042-0416-59	10V 33uF M TAN	D723	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D733	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)
C703	168-1042-78	16V 0.1uF						
C704	168-1042-78	16V 0.1uF						
C705	168-1042-78	16V 0.1uF						
C706	168-6812-55	680pF K	D723	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	D733	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)
C707	168-1022-55	1000pF K						
C708	168-1032-55	0.01uF K (PN2871F,LB,LC,LE,LF,R) (PP2871H,N,T)	D724	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D734	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)
C708	168-1052-78	1uF (PN2871LA,LG)						
C709	168-1042-78	16V 0.1uF	D724	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	D734	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)
CCT701	050-0145-52	1/16W 1k ohm x4						
CCT702	050-0145-52	1/16W 1k ohm x4						
CCT703	050-0145-52	1/16W 1k ohm x4	D725	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D735	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)
D702	001-0516-90	MA111						
D704	001-0516-90	MA111	D725	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	D735	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)
D706	001-0516-90	MA111						
D707	001-0516-90	MA111	D726	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D736	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)
D708	001-0516-90	MA111						
D709	001-0516-90	MA111	D726	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	D736	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)
D710	001-0516-90	MA111						
D715	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D727	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D737	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)
D715	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)						
D716	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D727	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	D737	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)
D716	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)						
D717	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D728	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D738	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)
D717	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)						
D718	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D728	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	D738	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)
D718	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)						
D720	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D729	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D739	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)
D720	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)						
D721	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D729	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	D739	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)
D721	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)						
D722	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D730	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D740	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)
D722	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)						
			D730	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	D740	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)
			D731	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D741	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)
			D731	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	D741	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)
			D732	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	D742	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)
			D732	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	D742	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
D743	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	R701	119-1021-15	1/10W 1k ohm	R721	116-3021-15	1/4W 3k ohm (PN2871F)
D743	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	R702	119-1021-15	1/10W 1k ohm	R721	116-2721-15	1/4W 2.7k ohm (PN2871L,R) (PP2871HA,N)
D744	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	R703	119-1021-15	1/10W 1k ohm	R722	119-2721-15	1/10W 2.7k ohm (PN2871F) (PP2871HB,HC,T)
D744	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	R704	119-1021-15	1/10W 1k ohm	R722	119-3921-15	1/10W 3.9k ohm (PN2871L,R) (PP2871HA,N)
D745	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	R705	119-1021-15	1/10W 1k ohm	R723	116-2221-15	1/4W 2.2k ohm (PN2871F) (PP2871HB,HC,T)
D745	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	R706	119-1021-15	1/10W 1k ohm	R723	116-3321-15	1/4W 3.3k ohm (PN2871L,R) (PP2871HA,N)
D746	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	R707	119-1021-15	1/10W 1k ohm	R724	116-2221-15	1/4W 2.2k ohm (PN2871F) (PP2871HB,HC,T)
D746	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	R708	119-2721-15	1/10W 2.7k ohm (PN2871L,R) (PP2871HA,N)	R724	116-3321-15	1/4W 3.3k ohm (PN2871L,R) (PP2871HA,N)
D747	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	R709	119-2721-15	1/10W 2.7k ohm (PN2871L,R) (PP2871HA,N)	R725	116-4321-15	1/4W 4.3k ohm (PN2871F) (PP2871HB,HC,T)
D747	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	R709	119-3921-15	1/10W 3.9k ohm (PN2871F) (PP2871HB,HC,T)	R725	116-3021-15	1/4W 3.0k ohm (PN2871L,R) (PP2871HA,N)
D748	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	R711	119-6831-15	1/10W 68k ohm	R726	116-3321-15	1/4W 3.3k ohm (PN2871F) (PP2871HB,HC,T)
D748	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	R712	116-2721-15	1/4W 2.7k ohm (PN2871L,R) (PP2871HA,N)	R726	116-3021-15	1/4W 3.0k ohm (PN2871L,R) (PP2871HA,N)
D749	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	R712	116-2421-15	1/4W 2.4k ohm (PN2871F) (PP2871HB,HC,T)	R727	116-1521-15	1/4W 1.5k ohm (PN2871F) (PP2871HB,HC,T)
D749	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	R713	116-2721-15	1/4W 2.7k ohm (PN2871L,R) (PP2871HA,N)	R727	116-1821-15	1/4W 1.8k ohm (PN2871L,R) (PP2871HA,N)
D750	001-7093-91	RFY1112H-16-TR YEL (PN2871L,R) (PP2871HA,N)	R713	116-2421-15	1/4W 2.4k ohm (PN2871F) (PP2871HB,HC,T)	R728	116-4321-15	1/4W 4.3k ohm (PN2871F) (PP2871HB,HC,T)
D750	001-7093-92	RFA1112H ORG (PN2871F) (PP2871HB,HC,T)	R714	116-2721-15	1/4W 2.7k ohm (PN2871L,R) (PP2871HA,N)	R728	116-3921-15	1/4W 3.9k ohm (PN2871L,R) (PP2871HA,N)
IC701	051-6000-10	LC75853NE	R714	116-2421-15	1/4W 2.4k ohm (PN2871F) (PP2871HB,HC,T)	R732	168-1042-78	16V 0.1uF (PN2871LA,LG)
J701	074-3014-64	SOCKET(14P)	R715	116-2721-15	1/4W 2.7k ohm (PN2871L,R) (PP2871HA,N)	S701	013-6201-52	SKPMAP010
LCD701	379-1374-32	INDICATOR (PN-2871F-A,F-B) (PN-2871L-B,L-C) (PN-2871L-E,L-F) (PN-2871R-A) (PP-2871H,N,T)	R715	116-3921-15	1/4W 3.9k ohm (PN2871F) (PP2871HB,HC,T)	S702	013-6201-52	SKPMAP010
	379-1379-32	INDICATOR (PN2871LA)	R716	116-2721-15	1/4W 2.7k ohm (PN2871L,R) (PP2871HA,N)	S703	013-6201-52	SKPMAP010
	379-1396-32	INDICATOR (PN2871LG)	R716	116-2421-15	1/4W 2.4k ohm (PN2871F) (PP2871HB,HC,T)	S704	013-6201-52	SKPMAP010
			R716	116-2721-15	1/4W 2.7k ohm (PN2871L,R) (PP2871HA,N)	S705	013-6201-52	SKPMAP010
			R717	116-2721-15	1/4W 2.7k ohm (PN2871L,R) (PP2871HA,N)	S706	013-6201-52	SKPMAP010
			R717	116-2421-15	1/4W 2.4k ohm (PN2871F) (PP2871HB,HC,T)	S707	013-6201-52	SKPMAP010
			R718	116-2721-15	1/4W 2.7k ohm (PN2871L,R) (PP2871HA,N)	S708	013-6201-52	SKPMAP010
			R718	116-2421-15	1/4W 2.4k ohm (PN2871F) (PP2871HB,HC,T)	S709	013-6201-52	SKPMAP010
			R719	116-3321-15	1/4W 3.3k ohm	S710	013-6201-52	SKPMAP010
			R720	116-3021-15	1/4W 3k ohm (PN2871L,R) (PP2871HA,N)	S711	013-6201-52	SKPMAP010
			R720	116-3321-15	1/4W 3.3k ohm (PN2871F) (PP2871HB,HC,T)	S712	013-6201-52	SKPMAP010
						S713	013-6201-52	SKPMAP010
						S714	016-7000-00	ROTARY ENCODER
						S715	013-6201-52	SKPMAP010
						TM701	073-0778-90	TERMINAL
						TM702	073-0778-90	TERMINAL
						PWB	039-2813-00	PWB(WITHOUT COMPONENTS)

PRINTED WIRING BOARD

Main PWB(B1) section

1	N.C.	11	FRONT-R(+)
2	FRONT-L(+)	12	FRONT-R(-)
3	FRONT-L(-)	13	REAR-R(+)
4	REAR-L(+)	14	REAR-R(-)
5	REAR-L(-)	15	STRG-GND
6	STRG SW A (PN-2871F-B,R-A)	16	STRG SW B (PN-2871F-B,R-A)
7	ACC	17	N.C.
8	ILLUMI CONTROL (PN-2871L-A,L-G)	18	N.C.
9	ILLUMI(+)	19	BACK UP
10	N.C.	20	GND



V01	CD-L(-)	V07	N.C.
V02	CD-L(+)	V08	SLAVE-REQ
V03	CD-R(-)	V09	CD-COMB(RXD)
V04	CD-R(+)	V10	COMB-CD(TXD)
V05	GND	V11	N.C.
V06	SHIELD-GND	V12	N.C.

H01	N.C.
H02	N.C.
H03	GND
H04	N.C.
H05	TEL-ON
H06	TEL-IN(-)
H07	TEL-IN(+)
H08	TEL SHIELD-GND

NDS Connector
(A12 MW)

TEL Connector
(TH08 HW)

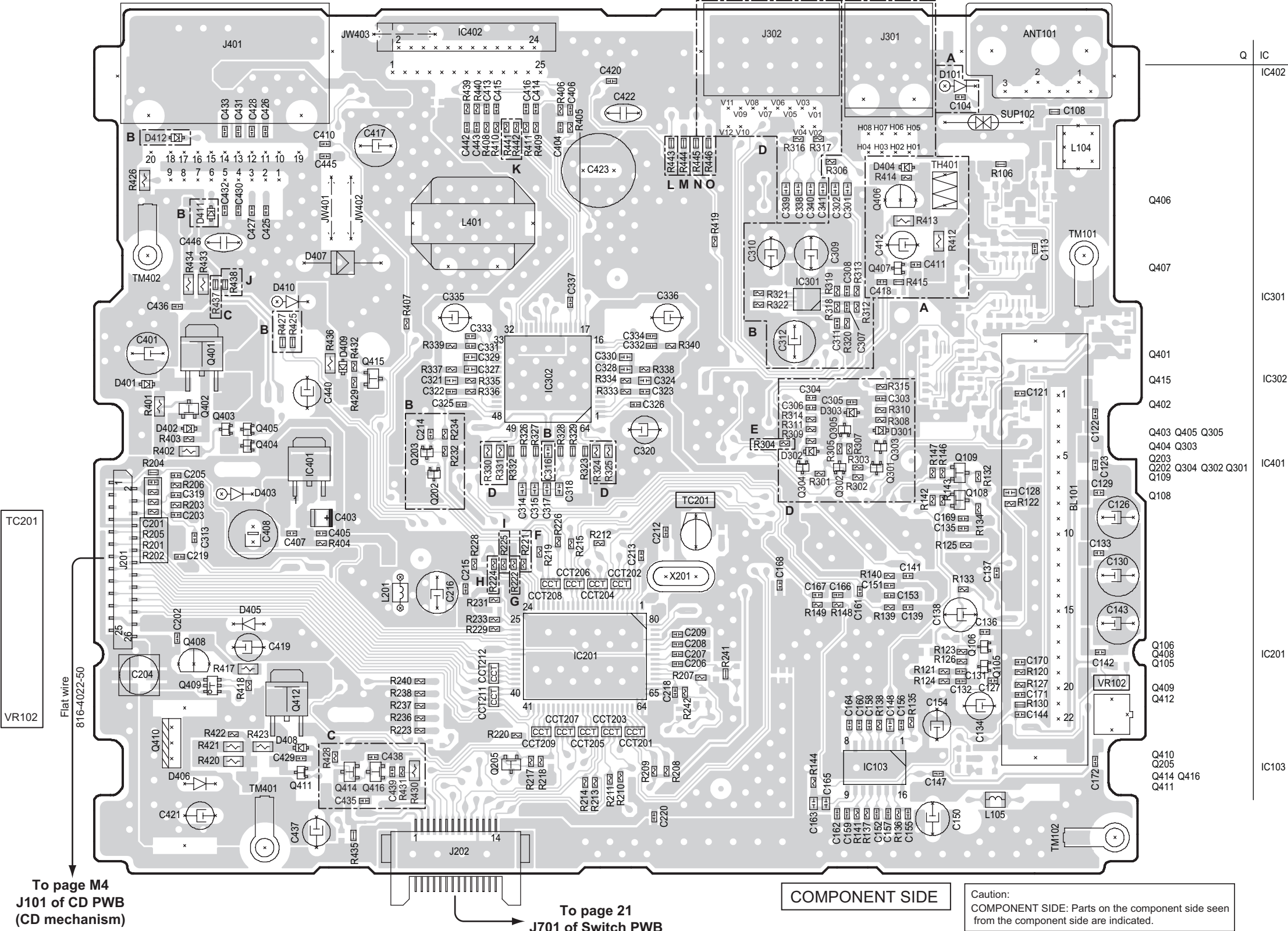
ANT Connector
(GT13)

1	N.C.
2	MAIN ANT
3	ANT+B

DIFFERENCES

* Following parts depend on each model.

No.	REF No.	Model
A	C104, C411 C412, C418 D101, D404 Q406, Q407 R412, R413 R414, R415 TH401	PN2871F,L,R PP2871T
B	C214, C301 C302, C307 C308, C309 C310, C311 C312, C316 D411, D412 IC301, J301 Q202, Q203 R232, R234 R306, R312 R313, R318 R319, R320 R321, R322 R425, R427	PN2871FB,RA
C	C435, C438 C439, C414 Q416, R428 R430, R431 R437	PN2871LA,LG
D	C303, C304 C305, C306 C338, C339 C340, C341 D301, D302 D303, J302 Q301, Q302 Q303, Q304 Q305, R301 R302, R303 R305, R307 R308, R309 R310, R311 R314, R315 R316, R317 R324, R325 R330, R331	PN2871F,L,R PP2871HB,HC,NA,T
E	R304	PP2871HA,NB
F	R221	PN2871LB PP2871HB,HC
G	R222	PN2871F,LA,LC,LE,LF,LG,R PP2871H,N,T
H	R224	PN2871LA,LB,LG PP2871HB,HC
I	R225	PN2871F,LC,LE,LF,R PP2871HA,N,T
J	R438	PN2871F,LB,LC,LE,LF,R PP2871H,N,T
K	R441, R442	PP2871HA
L	R443	PN2871F,LA,LB,LC,LG,RA PP2871H,N,T
M	R444	PN2871L PP2871HA,N
N	R445	PN2871FB,LA,LB,LC,LG,RA PP2871H
O	R446	PN2871FA,LA,LE,LF,LG PP2871HA,T



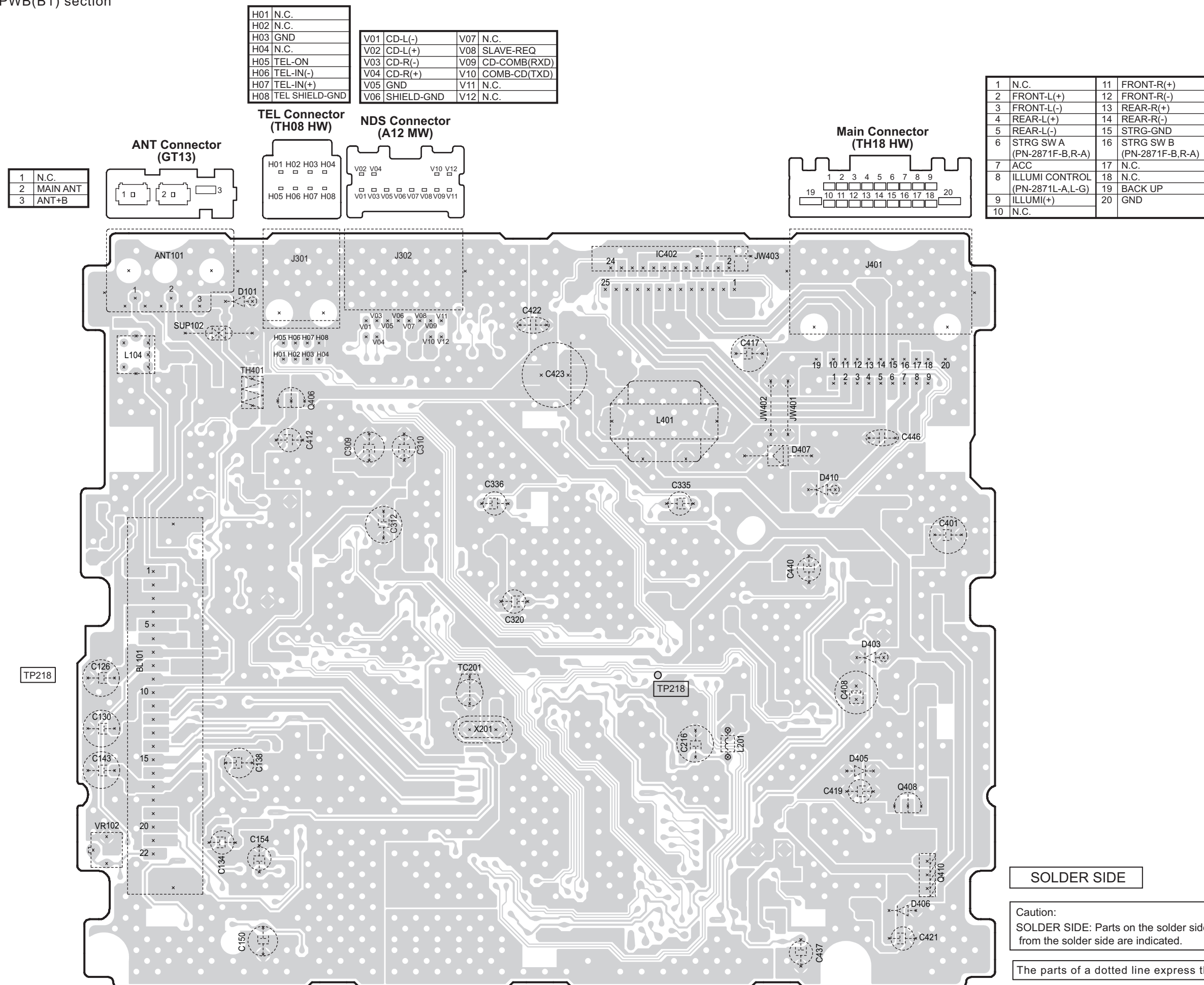
To page M4
J101 of CD PWB
(CD mechanism)

To page 21
J701 of Switch PWB

COMPONENT SIDE

Caution:
COMPONENT SIDE: Parts on the component side seen
from the component side are indicated.

Main PWB(B1) section



IC103 Pinout:

1	N.C.
2	MAIN ANT
3	ANT+B

Component List:

- 880-1921C (PP2871H,N)
- 880-1921O (PN2871LA,LG)
- 880-1921T (PN2871F,LB,LC,LE,LF,R) (PP2871T)

Other Components:

- C108: 150pF CH (PN2871F,L,R) (PP2871T)
- JW: (PP2871H,N)
- C121: 12p
- C122: 10p
- C113: 0.01
- C169: 820p
- C123: 0.1
- C133: 0.1
- C126: 100
- C129: 0.1
- C130: 100
- C137: 470p
- C139: 100p
- C141: 100p
- C142: 0.1
- C143: 100
- C144: 1K
- C127: 22p
- C131: 1000p
- C132: 22p
- C134: 2.2 50V L.L
- C136: 22p
- C154: 3.3 50V
- C155: 0.22
- C157: 0.01
- C158: 0.068
- C160: 0.033
- C162: 0.033
- C164: 0.033
- C165: 2.2
- C166: 0.056
- C167: 0.022
- C168: 1000p

Other Components:

- R106: JW
- R120: 470K
- R122: 2.2K
- R123: 2.7K
- R124: 1K
- R126: 1K
- R127: 2.2K
- R132: 10
- R133: 10
- R134: 15
- R135: 100K
- R136: 47K
- R137: 27K
- R141: 180K
- R142: 2.2K
- R143: 10K
- R144: 5.6K
- R146: 10K
- R147: 2.2K
- R148: 1K
- R149: 6.8K

Other Components:

- L104: JW
- L105: 120uH
- VR102: 10K

Other Components:

- Q101: S5688B
- Q104: 2200p
- Q105: 2SC4116G,L
- Q106: 2SC4116G,L
- Q108: 2SA1162
- Q109: 2SA1162

Other Components:

- ANT101
- TM101
- TM102

Other Components:

- ANT-ON:13.2
- OTHER:0
- FM+8.8
- AM:0
- FM:8.1
- AM:8.9
- FM:8.9
- AM:8.74
- FM:0
- AM:8.74
- AM-ON
- FM-ON
- FM-L
- FM-R
- AM-OUT
- ANT+B
- FM-ON
- AM-ON
- ST/TWEET
- RF-MUTE
- AM-DX/LO
- EO
- AM-OSC
- FM-OSC
- IF
- SYS-9V
- S-GND
- GND

Other Components:

- BL101
- 880-1921C (PP2871H,N)
- 880-1921O (PN2871LA,LG)
- 880-1921T (PN2871F,LB,LC,LE,LF,R) (PP2871T)

Other Components:

- C151, C153
- 0.027uF (PN2871F,LB,LC,LE,LF,R) (PP2871H,N,T)
- 0.039uF K (PN2871LA,LG)

Other Components:

- AM-ANT
- FM-ANT
- GND
- AM-DX/LO
- FM-DX/LO
- VT
- AM:1.3 - 6.9
- FM:1.9 - 5.7
- AM+B
- AM:5.0/FM:0.5
- AM-IF-OUT
- FM+B
- FM:8.3/AM:0
- GND
- AM-OSC
- FM-OSC
- ST/TWEET/SD
- IF-COUNT/RF-MUTE
- L-OUT
- R-OUT
- GND
- IF+B
- FM:8.5/AM:8.4
- S-METER
- AM:0.1 - 4.6
- FM:0.5 - 5.8
- NC-IN
- AF-OUT
- S-MUTE
- FM:0.4/AM:0

Other Components:

- AM-ANT
- FM-ANT
- GND
- AM-DX/LO
- FM-DX/LO
- VT
- AM:1.3 - 6.9
- FM:1.9 - 5.7
- AM+B
- AM:5.0/FM:0.5
- AM-IF-OUT
- FM+B
- FM:8.3/AM:0
- GND
- AM-OSC
- FM-OSC
- ST/TWEET/SD
- IF-COUNT/RF-MUTE
- L-OUT
- R-OUT
- GND
- IF+B
- FM:8.5/AM:8.4
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- AF-OUT
- S-MUTE
- FM:0.4/AM:0

Other Components:

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- AM:1.3 - 6.9
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- FM+B
- FM:8.3/AM:0
- GND
- AM-OSC
- FM-OSC
- ST/TWEET/SD
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- R-OUT
- GND
- IF+B
- FM:8.5/AM:8.4
- S-METER
- AM:0.1 - 4.6
- FM:0.5 - 5.8
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- AF-OUT
- S-MUTE
- FM:0.4/AM:0

Other Components:

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- GND
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- FM-DX/LO
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- FM:1.9 - 5.7
- AM+B
- AM:5.0/FM:0.5
- AM-IF-OUT
- FM+B
- FM:8.3/AM:0
- GND
- AM-OSC
- FM-OSC
- ST/TWEET/SD
- IF-COUNT/RF-MUTE
- L-OUT
- R-OUT
- GND
- IF+B
- FM:8.5/AM:8.4
- S-METER
- AM:0.1 - 4.6
- FM:0.5 - 5.8
- NC-IN
- AF-OUT
- S-MUTE
- FM:0.4/AM:0

Other Components:

- AM-ANT
- FM-ANT
- GND
- AM-DX/LO
- FM-DX/LO
- VT
- AM:1.3 - 6.9
- FM:1.9 - 5.7
- AM+B
- AM:5.0/FM:0.5
- AM-IF-OUT
- FM+B
- FM:8.3/AM:0
- GND
- AM-OSC
- FM-OSC
- ST/TWEET/SD
- IF-COUNT/RF-MUTE
- L-OUT
- R-OUT
- GND
- IF+B
- FM:8.5/AM:8.4
- S-METER
- AM:0.1 - 4.6
- FM:0.5 - 5.8
- NC-IN
- AF-OUT
- S-MUTE
- FM:0.4/AM:0

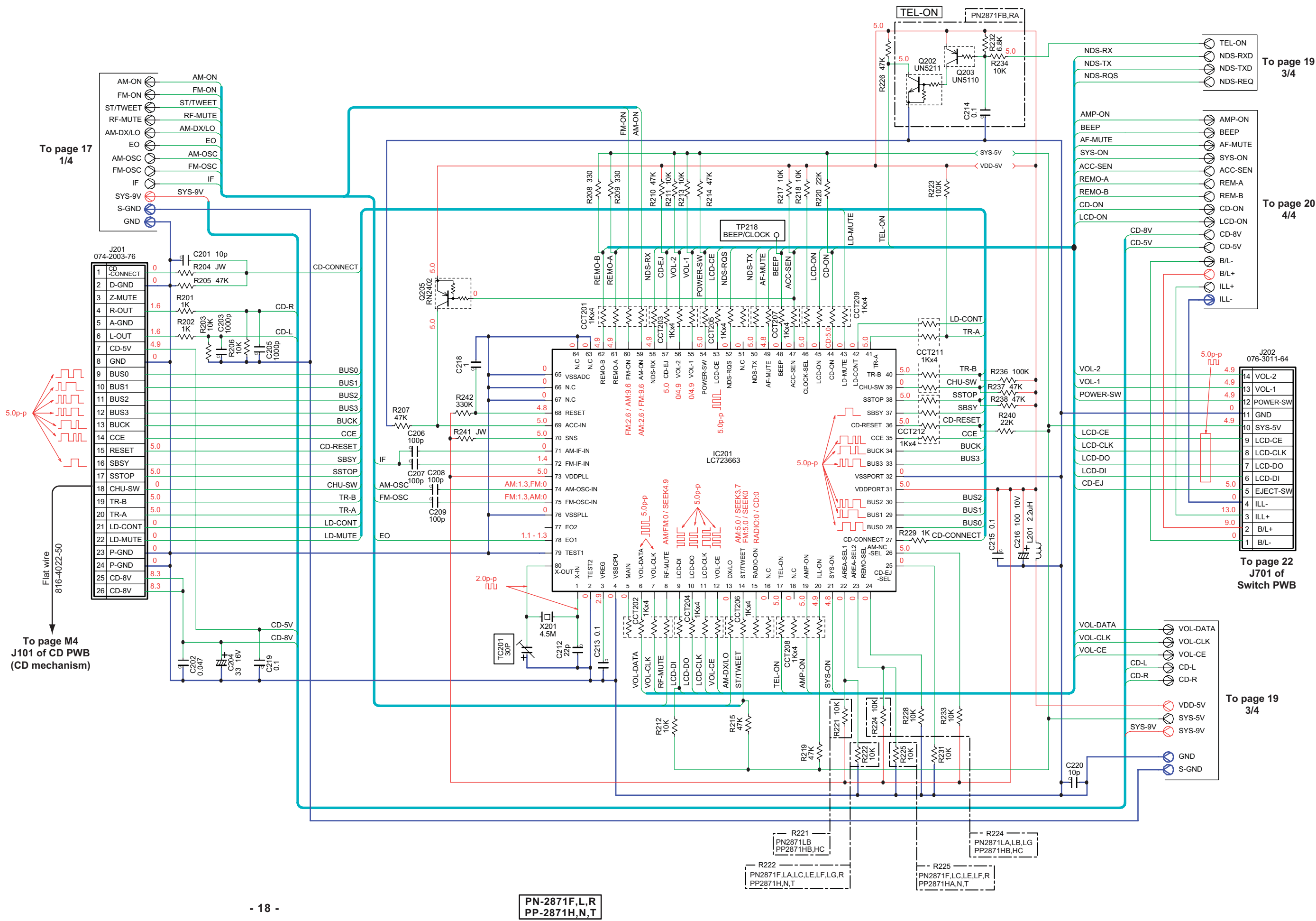
Other Components:

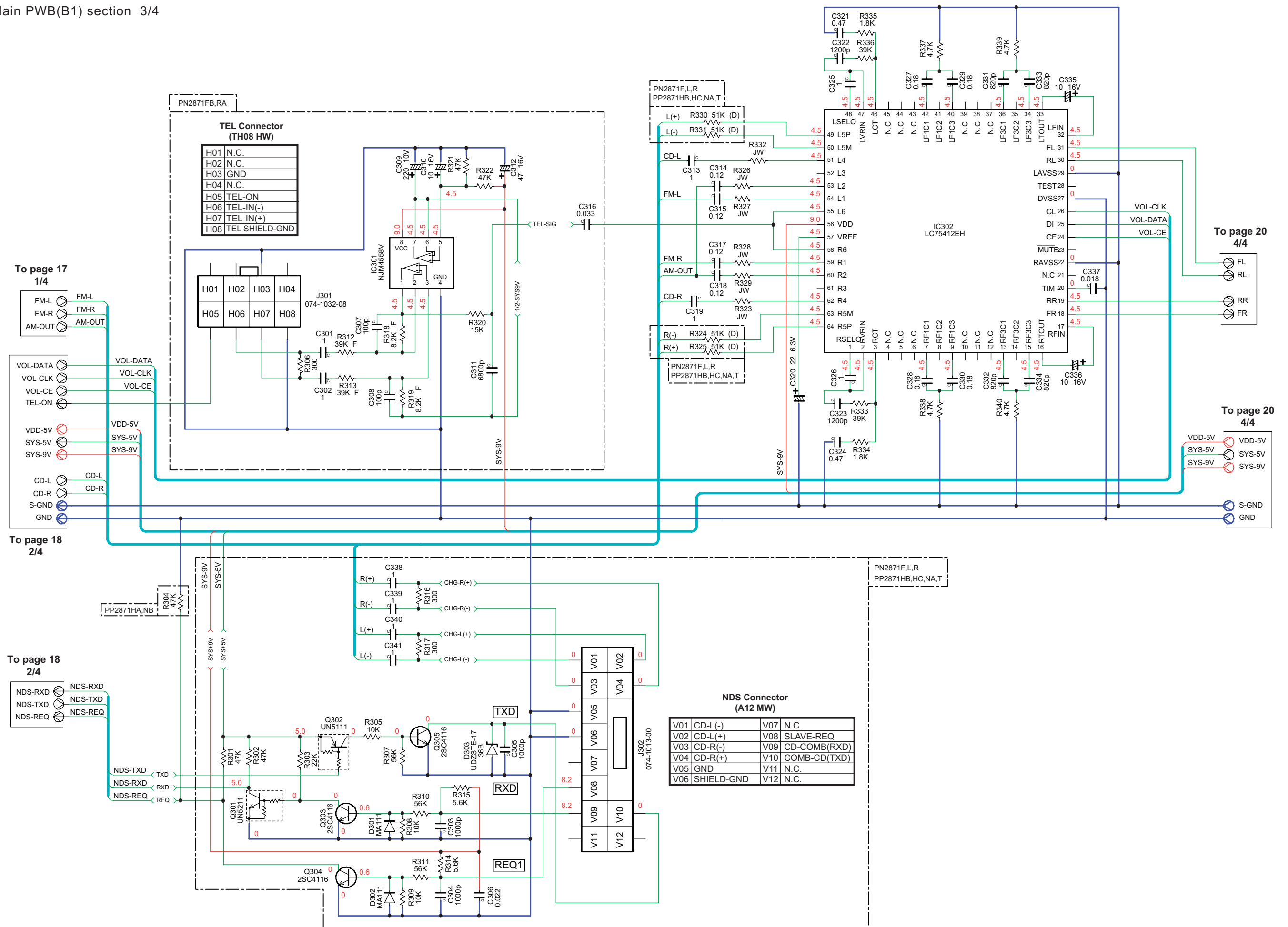
- AM-ANT
- FM-ANT
- GND
- AM-DX/LO
- FM-DX/LO
- VT
- AM:1.3 - 6.9
- FM:1.9 - 5.7
- AM+B
- AM:5.0/FM:0.5
- AM-IF-OUT
- FM+B
- FM:8.3/AM:0
- GND
- AM-OSC
- FM-OSC
- ST/TWEET/SD
- IF-COUNT/RF-MUTE
- L-OUT
- R-OUT
- GND
- IF+B
- FM:8.5/AM:8.4
- S-METER
- AM:0.1 - 4.6
- FM:0.5 - 5.8
- NC-IN
- AF-OUT
- S-MUTE
- FM:0.4/AM:0

Other Components:

- AM-ANT
- FM-ANT
- GND
- AM-DX/LO
- FM-DX/LO
- VT
- AM:1.3 - 6.9
- FM:1.9 - 5.7
- AM+B
- AM:5.0/FM:0.5
- AM-IF-OUT
- FM+B
- FM:8.3/AM:0
- GND

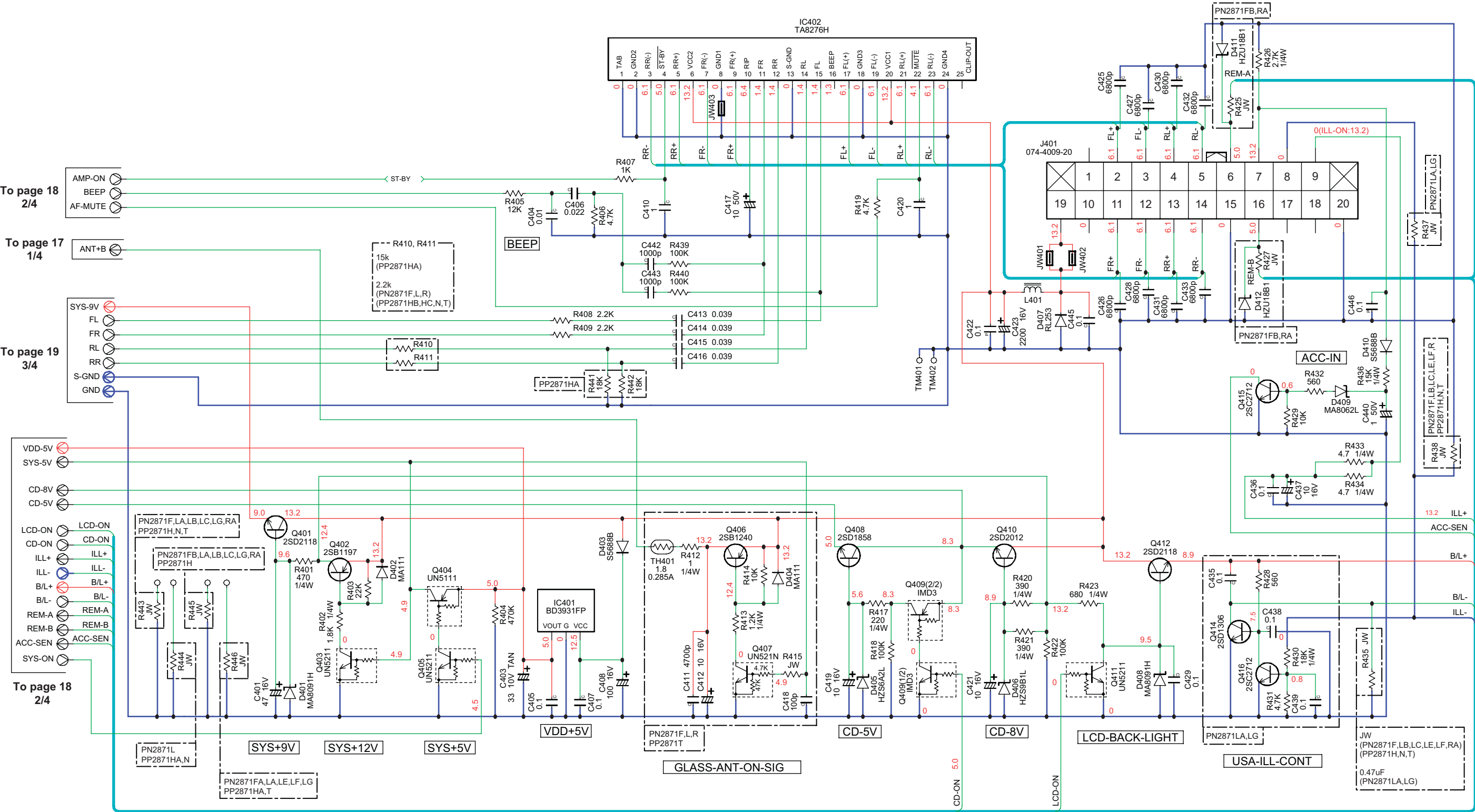
PN-2871F,L,R
PP-2871H,N,T



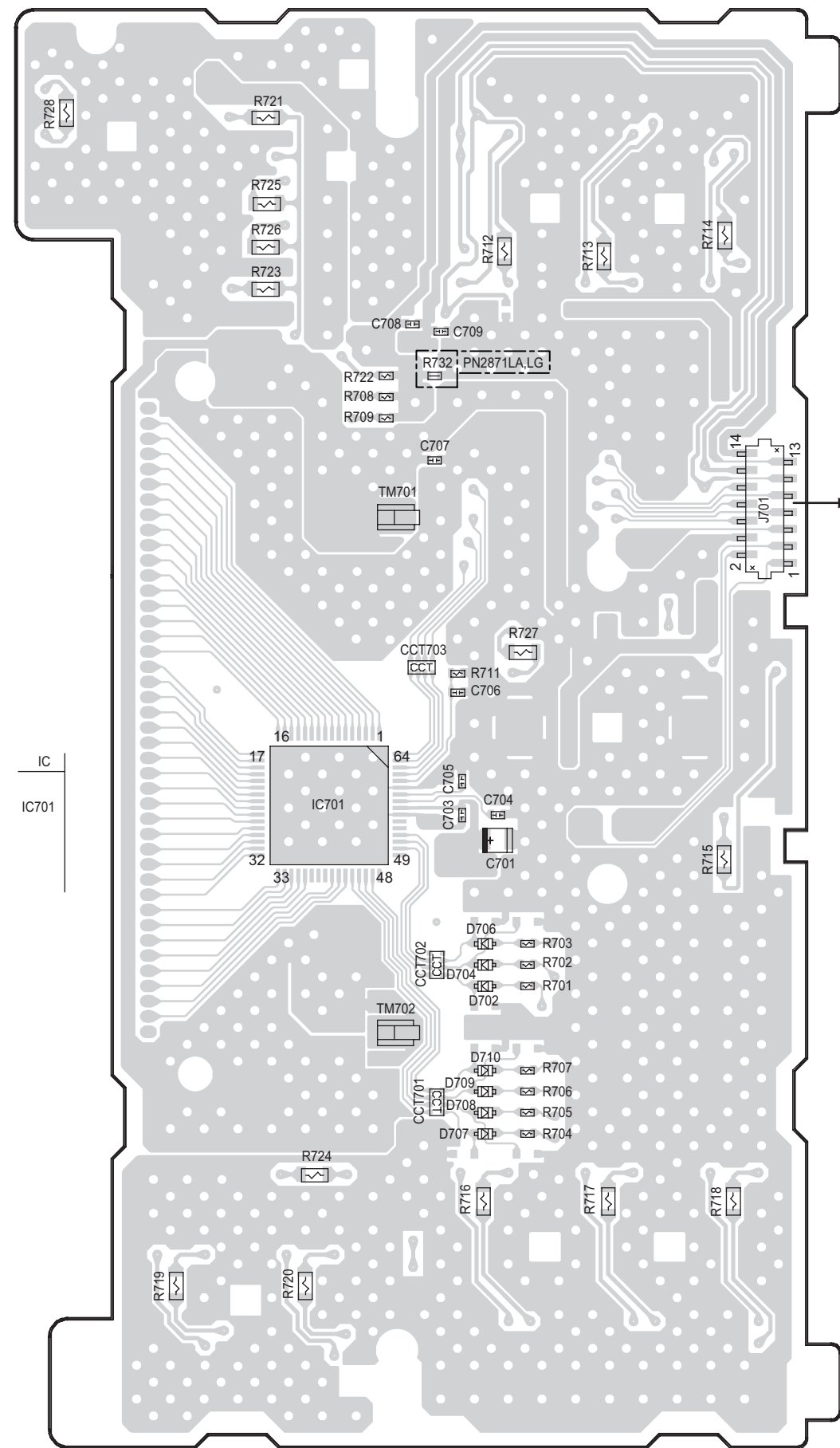


Main Connector
(TH18 HW)

1	N.C.	11	FRONT-R(+)
2	FRONT-L(+)	12	FRONT-R(-)
3	FRONT-L(-)	13	REAR-R(+)
4	REAR-L(+)	14	REAR-R(-)
5	REAR-L(-)	15	STRG-GND
6	STRG SW A (PN-2871F-B,R-A)	16	STRG SW B (PN-2871F-B,R-A)
7	ACC	17	N.C.
8	ILLUMI CONTROL (PN-2871L-A,L-G)	18	N.C.
9	ILLUMI(+)	19	BACK UP
10	N.C.	20	GND



PRINTED WIRING BOARD
Switch PWB(B2) section

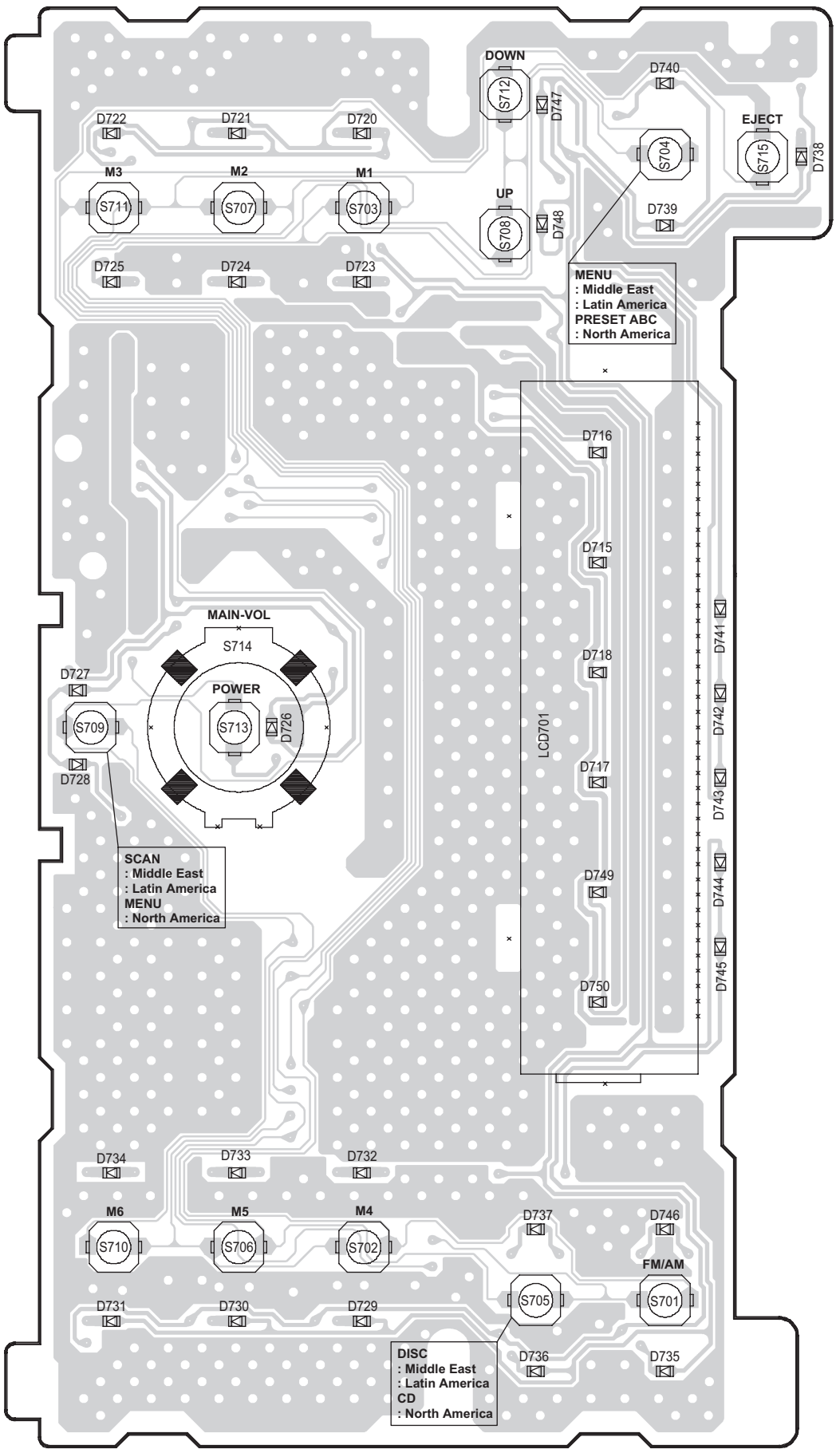


To page 15
J202 of Main PWB

SOLDER SIDE

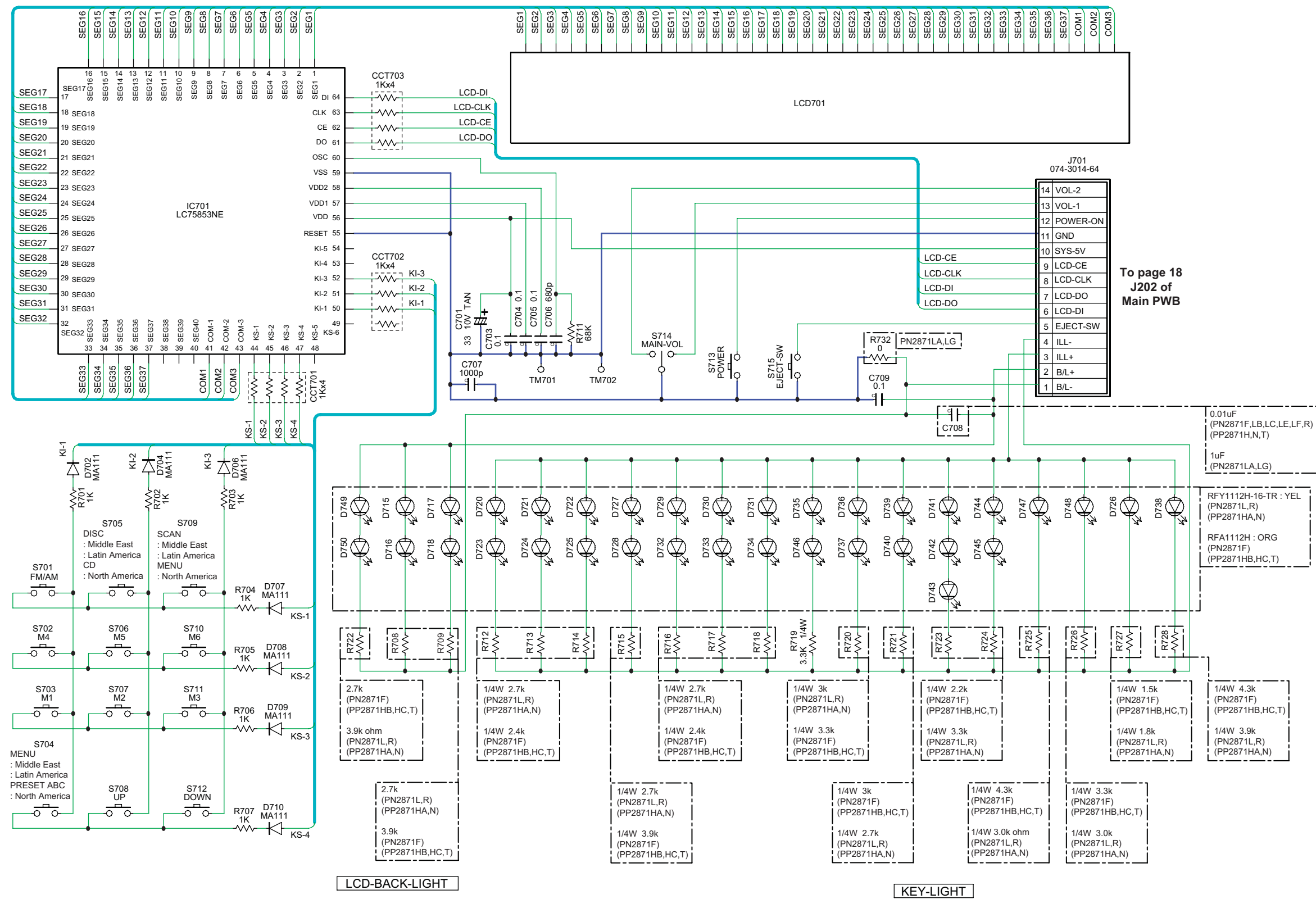
Caution:
COMPONENT SIDE: Parts on the component side seen from the component side are indicated.
SOLDER SIDE: Parts on the solder side seen from the solder side are indicated.

PN-2871F,L,R
PP-2871H,N,T

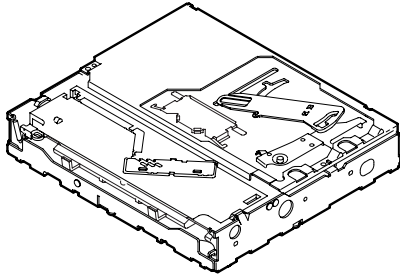


COMPONENT SIDE

CIRCUIT DIAGRAM
Switch PWB(B2) section



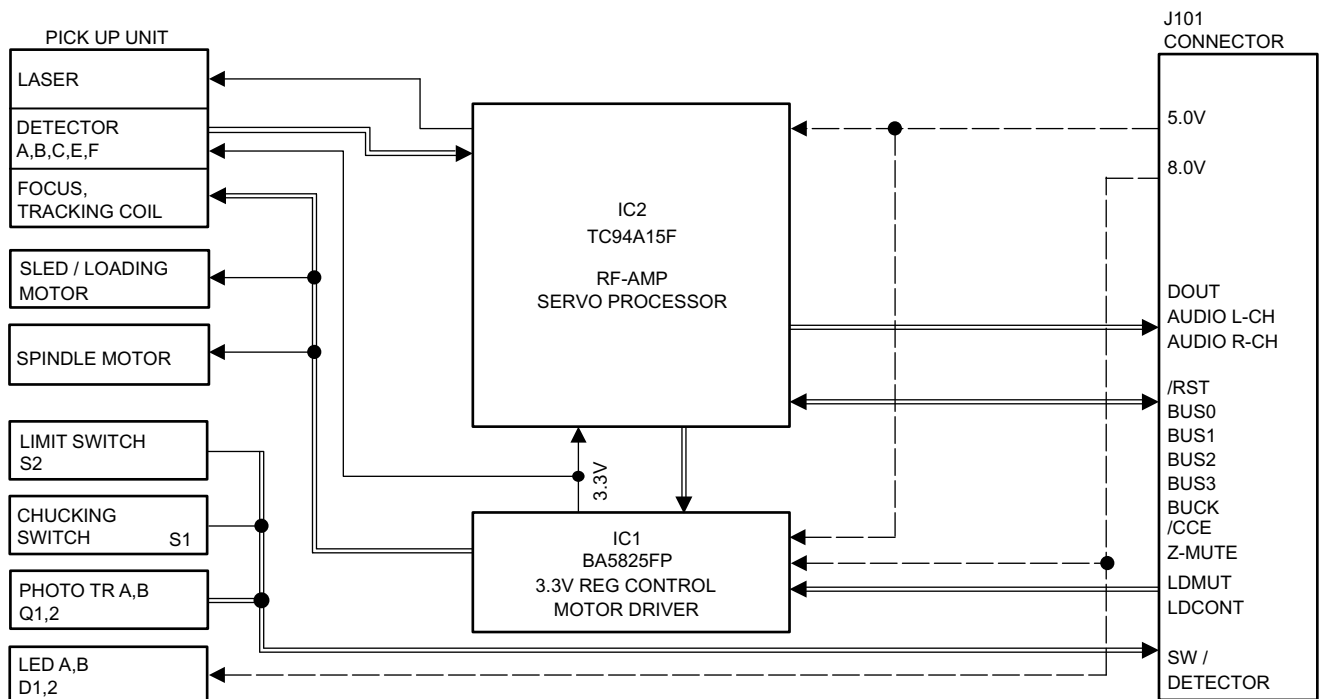
Service Manual



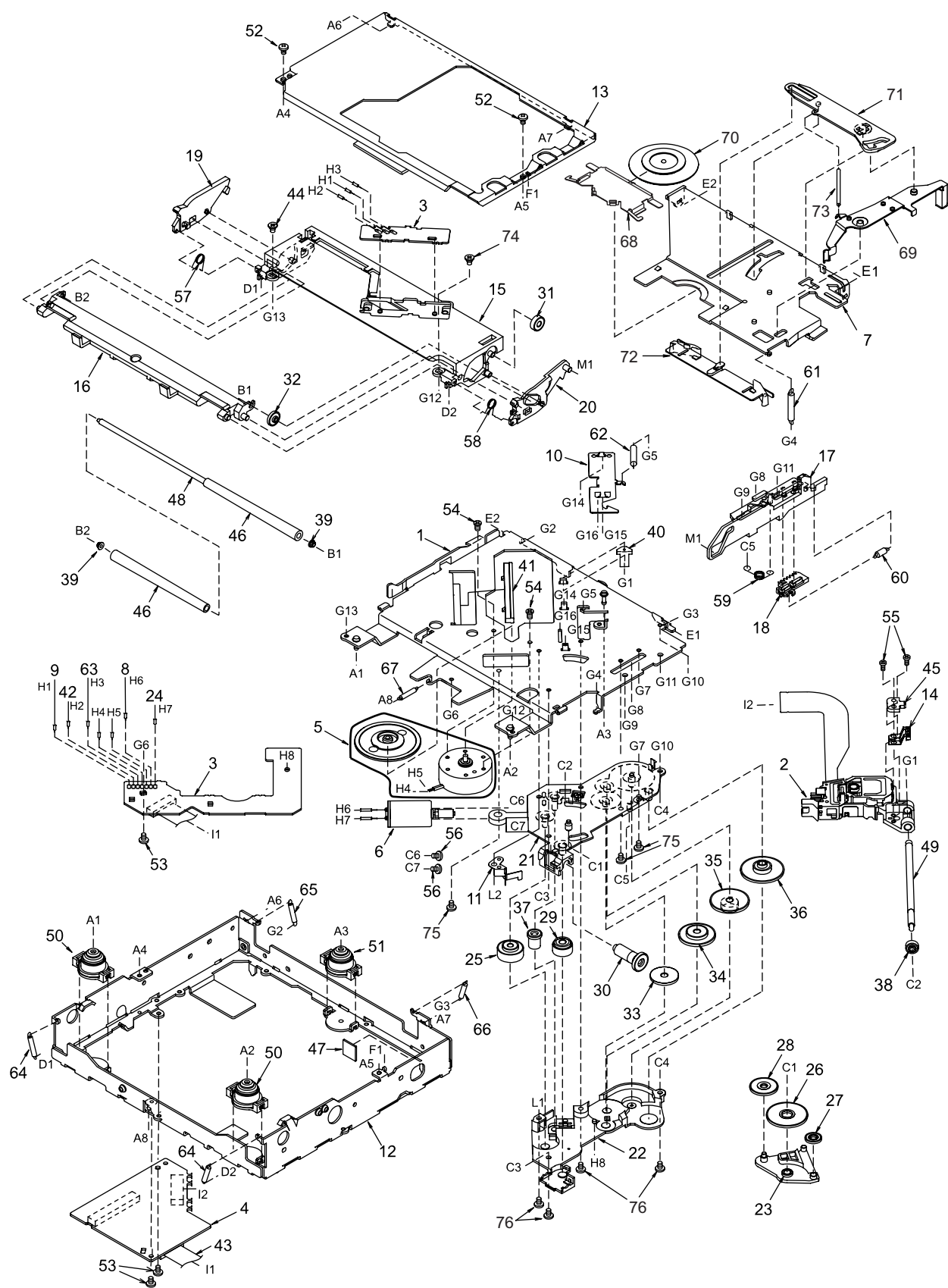
CD mechanism

Model **929-5001-81**

BLOCK DIAGRAM



EXPLODED VIEW / PARTS LIST



NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1743-21	DRIVE-PLT-ASSY	1	39	621-1726-20	ROLLER SLEEVE	2
2	969-0071-30	PICKUP-ASSY	1	40	621-0623-23	LS-HOLDER	1
3	-----	LED PWB	1	41	621-0624-22	GUIDE RAIL	1
4	-----	CD PWB	1	42	816-2593-00	LEAD(PUR)	1
5	SMA-182-100	MOTOR ASSY(SPINDLE)	1	43	816-2542-01	FLAT WIRE	1
6	SMA-183-100	MOTOR ASSY(SLED)	1	44	716-3473-01	SCREW(M2x3)	1
7	620-1596-23	CLAMPER LINK	1	45	621-1729-20	SH-BASE	1
8	803-4906-60	VINYL-COAT-WIRE(ORG)	1	46	621-0711-20	LOADING ROLLER	2
9	816-2591-00	LEAD(YEL)	1	47	345-5476-20	CUSHION RUBBER	1
10	620-1753-20	ID-LOCK PLATE	1	48	622-1571-21	ROLLER SHAFT	1
11	620-1026-21	SPRING PLATE	1	49	624-0020-00	LEAD SCREW	1
12	620-1754-20	LOWER CHASSIS	1	50	629-0086-20	DAMPER F	2
13	620-1598-22	UPPER CHASSIS	1	51	629-0087-20	DAMPER R	1
14	966-1722-20	SH-RACK-ASSY	1	52	714-2003-8B	MACHIN SCREW(M2x3)	2
15	621-1742-20	UPPER GUIDE	1	53	716-1507-01	SCREW(M2x3)	3
16	621-0718-21	ROLLER GUIDE	1	54	716-1733-01	SCREW(M1.7x2.3)	2
17	621-1743-20	SHIFT LEVER	1	55	716-3469-01	SCREW(M3x4)	2
18	621-1744-20	RACK	1	56	716-3551-00	SCREW(M1.4x2.5)	2
19	621-1745-20	LOCK ARM L	1	57	750-6797-20	ROLLER SPRING L	1
20	621-1746-20	LOCK ARM R	1	58	750-6798-20	ROLLER SPRING R	1
21	621-1754-20	GEAR BASE	1	59	750-7865-20	SHIFT SPRING	1
22	621-1747-20	GEAR COVER	1	60	750-7866-20	RACK SPRING	1
23	621-1719-20	IDLE CASE	1	61	750-7867-20	CLAMPER SPRING	1
24	816-2590-00	LEAD(GRN)	1	62	750-7868-20	ID-LOCK SPRING	1
25	621-0608-21	SECOND GEAR	1	63	816-2592-00	LEAD(BLU)	1
26	621-0609-20	BASE GEAR	1	64	750-7870-20	DR-SPRING F	2
27	621-0610-20	IDLE GEAR A	1	65	750-7871-20	DR-SPRING RA	1
28	621-0611-20	IDLE GEAR B	1	66	750-7872-20	DR-SPRING RB	1
29	621-0612-21	ROLLER GEAR A	1	67	750-7873-20	DR-SPRING C	1
30	621-0719-20	ROLLER GEAR	1	68	620-1023-23	CLAMPER PLATE	1
31	621-0720-20	ROLLER GEAR C	1	69	620-1752-20	SENSOR ARM	1
32	621-0721-20	ROLLER GEAR D	1	70	621-1753-20	CLAMPER RING	1
33	621-1748-20	POWER GEAR A	1	71	621-0728-20	STOPPER LINK	1
34	621-1749-20	POWER GEAR B	1	72	621-1752-20	DISC STOPPER	1
35	621-1750-20	POWER GEAR C	1	73	750-7869-20	SENSOR SPRING	1
36	621-1751-20	POWER GEAR D	1	74	781-1730-00	SCREW(M1.7x3)	1
37	621-0620-20	THREAD GEAR A	1	75	780-2025-00	SCREW(M2x2.5)	3
38	621-0621-20	THREAD GEAR B	1	76	716-1670-01	SCREW(M2x4)	4

ELECTRICAL PARTS LIST

CD PWB(BM1) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C1	168-1042-78	16V 0.1uF	C35	046-6812-58	680pF	R9	033-2211-15	1/10W 220 ohm
C3	163-2273-05	4V220uF	C36	168-1042-78	16V 0.1uF	R11	033-1051-15	1/10W 1M ohm
C4	168-1042-78	16V 0.1uF	C37	168-1042-78	16V 0.1uF	R12	119-2221-15	1/10W 2.2k ohm
C5	163-1073-35	16V100uF	C38	046-1522-58	1500pF	R13	033-2211-15	1/10W 220 ohm
C6	163-1073-35	16V100uF	C39	046-4722-58	4700pF	R14	033-2211-15	1/10W 220 ohm
C7	168-1042-78	16V 0.1uF	C40	046-1032-78	0.01uF	R16	033-2231-15	1/10W 22k ohm
C9	178-1052-78	1uF	C41	046-1532-78	0.015uF	R17	033-3921-15	1/10W 3.9k ohm
C10	042-0560-85	6.3V100uF	C43	168-1042-78	16V 0.1uF	R18	033-3341-15	1/10W 330k ohm
C11	046-4712-58	470pF	C47	045-4701-50	47pF	R19	033-5621-15	1/10W 5.6k ohm
C12	178-1052-78	1uF	C48	168-1042-78	16V 0.1uF	R21	033-2231-15	1/10W 22k ohm
C13	046-4712-58	470pF	C49	168-1042-78	16V 0.1uF	R22	033-4731-15	1/10W 47k ohm
C15	168-1042-78	16V 0.1uF	C50	042-0666-00	12.5V 22uF	R24	033-1041-15	1/10W 100k ohm
C16	168-4732-78	0.047uF	C51	046-5622-58	5600pF	R26	033-1531-15	1/10W 15k ohm
C17	168-4732-78	0.047uF	C52	178-1052-78	1uF	R27	033-4731-15	1/10W 47k ohm
C18	168-1042-78	16V 0.1uF	C53	045-1007-50	10pF	R28	033-1831-15	1/10W 18k ohm
C19	168-1042-78	16V 0.1uF	C54	045-1007-50	10pF	R29	033-6821-15	1/10W 6.8k ohm
C21	046-6822-58	6800pF	C55	178-1052-78	1uF	R30	033-8231-15	1/10W 82k ohm
C22	046-3332-78	0.033uF	CCT2	050-0140-63	1/32W 47k ohm x4J	R31	033-8231-15	1/10W 82k ohm
C24	178-1052-78	1uF	D1	001-0367-91	1SS226	R32	119-1001-15	1/10W 10 ohm
C25	168-1042-78	16V 0.1uF	IC1	051-6071-08	BA5825FP-E2	R33	033-2731-15	1/10W 27k ohm
C26	168-1042-78	16V 0.1uF	IC2	051-6399-00	TC94A15F	R34	033-2731-15	1/10W 27k ohm
C28	168-1042-78	16V 0.1uF	J101	074-1228-76	26P	R35	033-2731-15	1/10W 27k ohm
C29	168-1042-78	16V 0.1uF	J201	074-1138-65	15P	R36	033-2731-15	1/10W 27k ohm
C30	045-6801-50	68pF	J301	074-1138-60	10P	R37	032-0162-50	1/10W 0.51 ohm
C31	168-1042-78	16V 0.1uF	Q1	131-1188-50	2SB1188PQR	TM1	073-0768-00	TERMINAL
C32	168-1042-78	16V 0.1uF	Q2	131-1188-50	2SB1188PQR	X2	061-3534-90	16.92MHz
C33	046-1532-78	0.015uF	R1	117-6811-15	1/8W 680 ohm	PWB	039-2846-20	PWB(WITHOUT COMPONENT)
C34	168-1042-78	16V 0.1uF	R2	117-1001-15	1/8W 10 ohm			

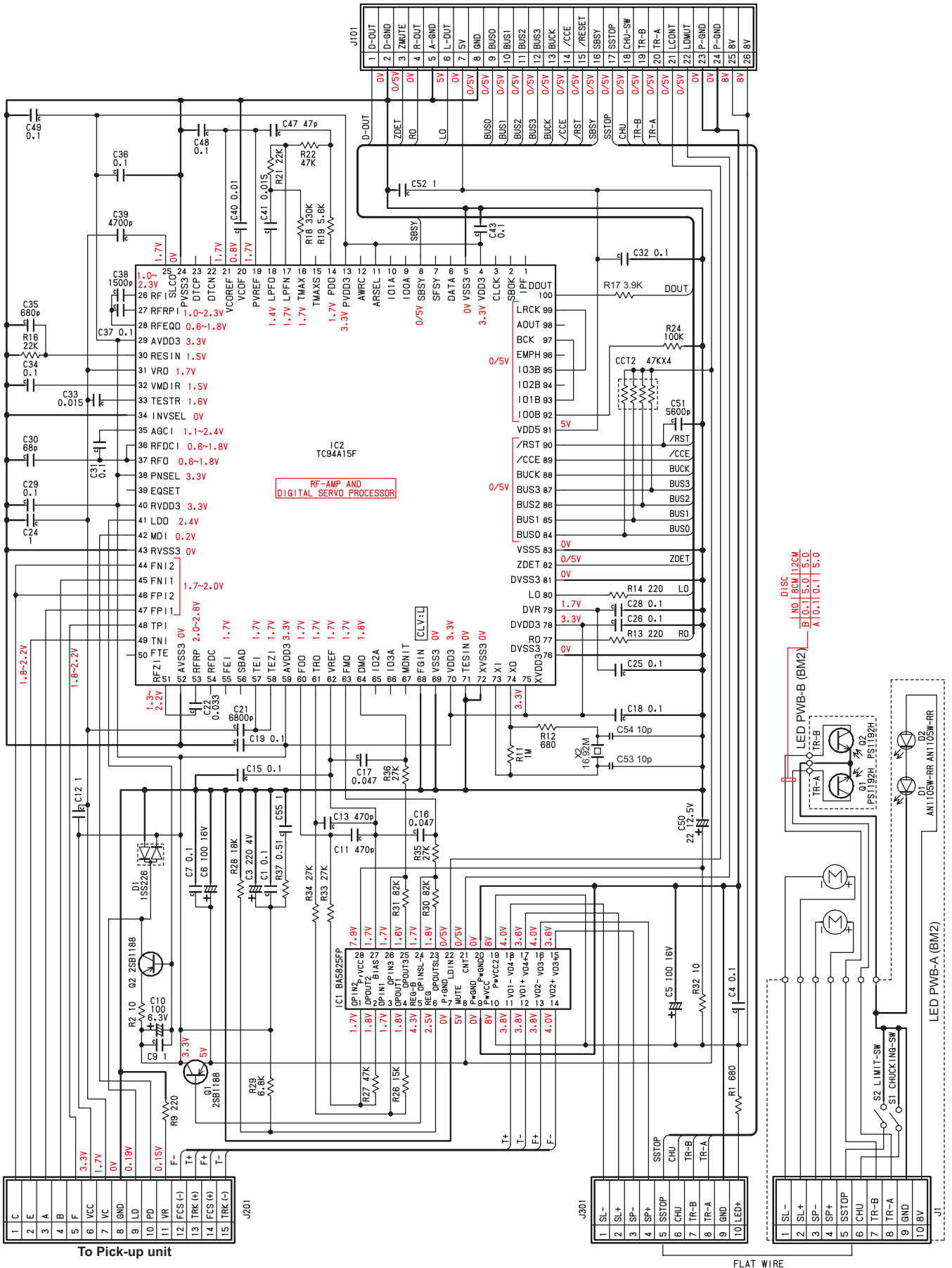
LED PWB(BM2) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
D1	001-7058-90	AN1105W-RR	Q1	060-4015-91	PS1192HB-33-TR	S2	013-7413-50	LIMIT
D2	001-7058-90	AN1105W-RR	Q2	060-4015-91	PS1192HB-33-TR	PWB	039-1944-21	PWB(WITHOUT COMPONENT)
J1	074-1138-60	10P	S1	013-7414-50	CHUCKING			

CIRCUIT DIAGRAM

CD PWB(BM1) section
LED PWB(BM2) section

To 26p connector of Main unit



FLAT WIRE

PRINTED WIRING BOARD

CD PWB(BM1) section

LED PWB(BM2) section

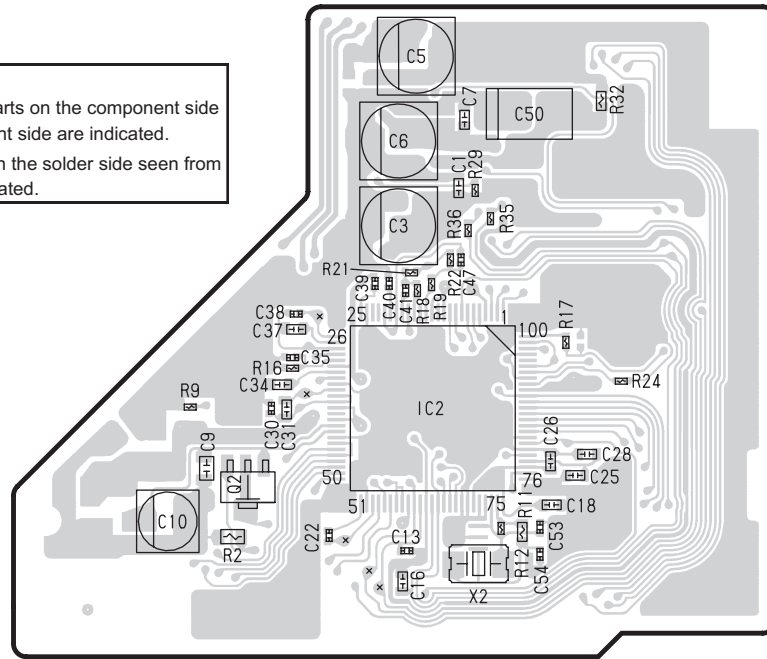
Caution:

COMPONENT SIDE: Parts on the component side seen from the component side are indicated.

SOLDER SIDE: Parts on the solder side seen from the solder side are indicated.

CD PWB (BM1)

COMPONENT SIDE

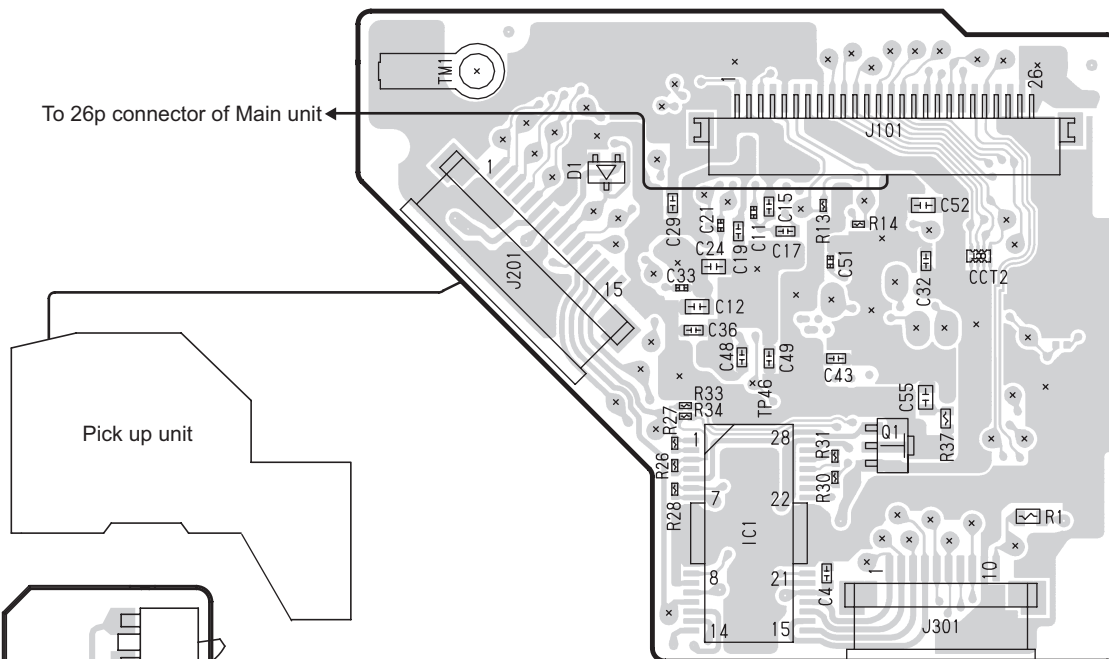


Q IC

IC2

Q2

To 26p connector of Main unit



Q1

IC1

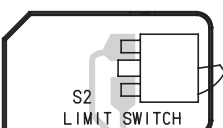
CD PWB (BM1)

SOLDER SIDE

LED PWB-B (BM2)

Q1

Q2



Pick up unit

S2
LIMIT SWITCH

S1
CHUCKING SWITCH

LED PWB-A (BM2)

FLAT WIRE
816-2542-01

SLED MOTOR
SMA-183-100

SPINDLE MOTOR
SMA-182-100

GRN
ORG
BLK
RED
BLU
PUR
YEL

PUR
YEL
BLU

J1

10

D1